FBC

Maniago Italy

General catalogue

Le foto hanno puro scopo illustrativo, in qualsiasi momento la F.B.C. si riserva di apportare migliorie tecniche e funzionali alle proprie attrezzature.
The pictures are for illustration purposes only,anytime the F.B.C. Company reserves the right to make technical and functional improvements to the equipments.

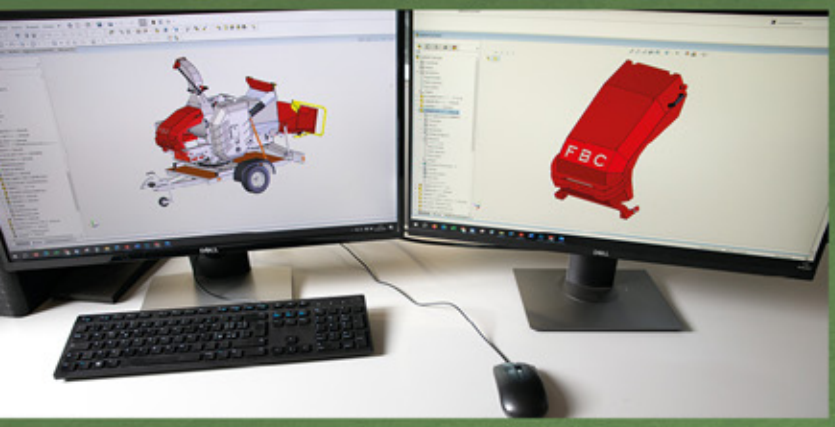
FBC Maniago Italy

Fabbrica Biotrituratori e Cippatori

For Best Chipping

F.B.C., operativa dal 1992, incorpora e sviluppa la conoscenza accumulata in oltre cinquant'anni di esperienza da artigiani produttori di macchine agricole. Con sede a Maniago, città famosa in tutto il mondo per la produzione di coltelli e forbici, ci avvaliamo della competenza dei maestri coltellinai per la scelta degli angoli di taglio e degli acciai per le nostre lame. La nostra passione di artigiani nel costruire attrezzature robuste, durevoli nel tempo e curate nei minimi dettagli ci ha permesso di essere apprezzati quale azienda affidabile in tutta Europa e nel Mondo esportando oltre l'80% della nostra produzione. La costante ricerca e sviluppo di nuove soluzioni di taglio ci ha portati a realizzare dei trituratori per soddisfare lo smaltimento delle potature di utenti privati, giardinieri, arboricoltori, boscaioli e Pubbliche Amministrazioni. Tutte le macchine da noi realizzate sono provviste dalla marcatura CE, come previsto da Direttive Europee in materia di sicurezza e possiamo oggi affermare con serenità che progettiamo e costruiamo con elevatissimi criteri di assoluta qualità.

F.B.C., *operating since 1992, incorporates and develops the experience acquired in more than five decades of artisan production of agricultural machinery. Based in Maniago, a city famous worldwide for the production of knives and scissors, we rely on the expertise of knife masters for the choice of cutting angles and steel for our blades. Passion for artisan details, excellence in manufacturing and a continuous research for new cutting solutions has led us to create sturdy equipment durable over time and to be internationally recognised as a reliable company, exporting more than 80% of our machines to Europe and worldwide. Our shredders are provided with the CE marking as required by European Directives on safety. They provide very high quality standards and meet the needs for disposal of pruning of a wide range of customers: private users, gardeners, arborists, lumberjacks and Public Administrations.*



FBC
Maniago Italy

PROGETTAZIONE

IN-HOUSE DESIGN

LAVORAZIONI MECCANICHE CON C.N.C.

MACHINING WITH C.N.C.

REALIZZAZIONE PROTOTIPI E PRODUZIONE

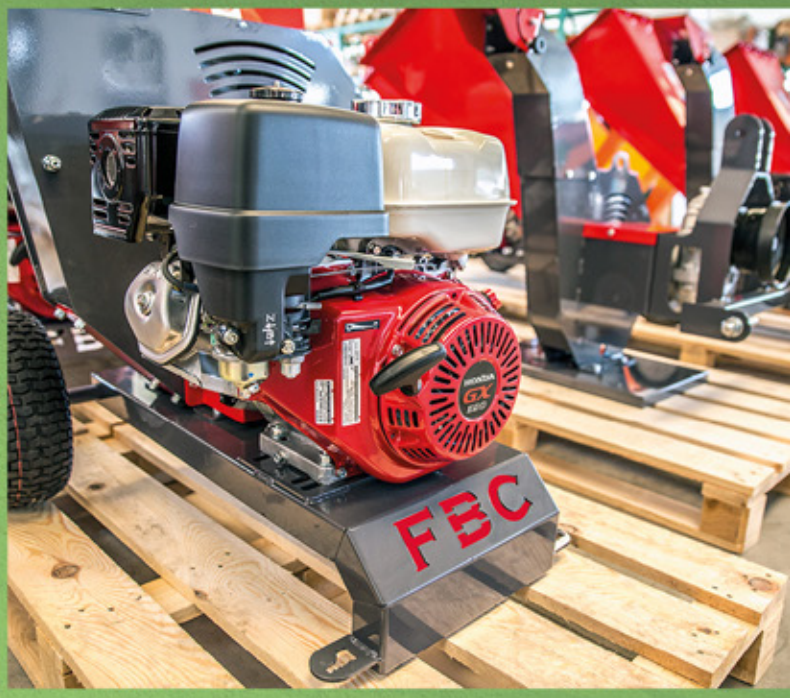
PROTOTYPING AND PRODUCTION

ASSEMBLAGGIO E CONTROLLO INTERNI

INTERNAL ASSEMBLY AND CONTROL

FBC

BIO 10
BIO 10
FBC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Indice *Index*

Indicazioni tecniche
Technical information pag. 7

Serie BIO pag. 13
BIO.M5.30 pag. 14
BIO.S2.55H pag. 16
BIO.S2.65A pag. 18
BIO.S2.PF pag. 20

Serie CIP 6 pag. 23
CIP.6.EL
CIP.6.EL.T pag. 24
CIP.6.55H pag. 26
CIP.6.65A pag. 28
CIP.6.PF pag. 30
CIP.6.MC pag. 32

Serie CIP 8 pag. 35
CIP.8.13H pag. 36
CIP.8.13A pag. 38
CIP.8.PF pag. 40
CIP.8.MC pag. 42
CIP.8.13H.DU
CIP.8.13A.DU pag. 44
CIP.8.13H.DU.CR
CIP.8.13A.DU.CR pag. 46

Serie CIP 10 pag. 49
CIP.10.13H pag. 50
CIP.10.13A pag. 52
CIP.10.PF pag. 54
CIP.10.13H.DU
CIP.10.13A.DU pag. 56
CIP.10.13H.DU.CR
CIP.10.13A.DU.CR pag. 58

Serie BIO 10 pag. 61
BIO.10.18HE.DU.RI pag. 62
BIO.10.14AE.DU.RI pag. 64
BIO.10.PF.RI pag. 66
BIO.10.18HE.TR.RI
BIO.10.14AE.TR.RI pag. 68

Serie BIO 13 pag. 71
BIO.13.22HE.TR.RRI
BIO.13.25AE.TR.RRI pag. 72

Serie BIO 15 pag. 75
BIO.15.22HE.TR.RNI
BIO.15.25AE.TR.RNI pag. 76

Indicazioni tecniche
Technical information

Capacità di lavoro - *Working capacity*

1

Cippabile / *Choppable*
max* Ø 000 mm

2

Produzione oraria per serie con **sistemi autoalimentanti**
Hourly capacity for series with ***self-feeding systems***

3

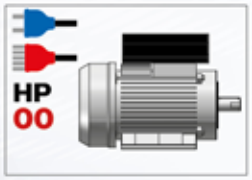
Produzione oraria per serie con **sistemi ad alimentazione idraulica e NoStress**
Hourly capacity for series with ***hydraulic feeding systems and NoStress***

***** Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

***** *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

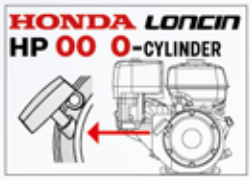
Tipologia di alimentazione - *Type of power supply*

4



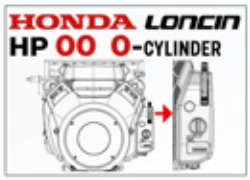
Motore elettrico - *Electric motor*
Monofase - *Single phase*
Trifase - *Three-phase*

5



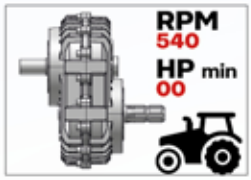
Motore a benzina con **avviatore autoavvolgente**
Petrol engine with ***recoil-starter handle***

6



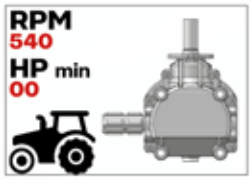
Motore a benzina con **avviamento elettrico**
Petrol engine with ***electric starter***

7



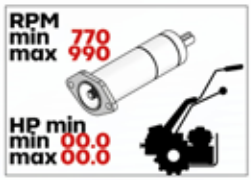
Moltiplicatore ad assi paralleli per trattore
Gearbox with parallel axes for tractor

8



Moltiplicatore ad angolo per trattore
Angled gearbox for tractor

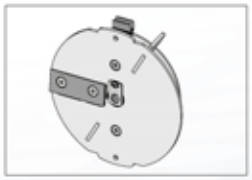
9



Albero scanalato ø 18 mm
10 righe per motocoltivatore
Splined shaft ø 18 mm
10 stripes for two wheels tractor version

Sistemi di taglio - *Cutting systems*

10

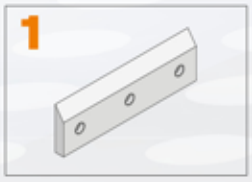


Disco cippatore
Chipper disc

11

Tamburo triturante
Shredder drum

12



Lame / *Blades*

1 Numero di lame
Number of blades

13

Lame reversibili / *Reversible blades*

1 Numero di lame
Number of blades

14

Martelli mobili ad **S**
***S**-shaped movable hammers*

1 Numero di martelli
Number of hammers

15

Martelli mobili dritti
Straight movable hammers

1 Numero di martelli
Number of hammers

16

Controlama ad **L**
***L**-shaped counter blade*

1 Numero di coltrolame
Number of counter blade

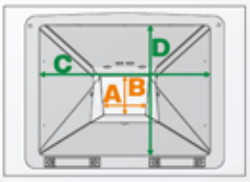
17

Controlama dritta
Straight counter blade

1 Numero di controlame
Number of counter blades

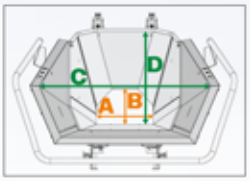
Informazioni dimensionali - *Dimensional information*

18



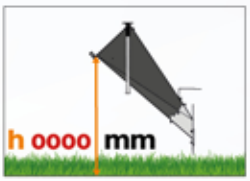
A - B
000 x 000 mm
C - D
000 x 000 mm

19



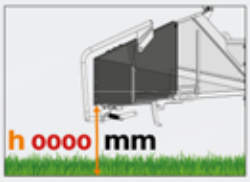
A - B Apertura di triturazione
Throat opening
C - D Apertura tramoggia
Hopper opening
Per serie con **sistemi ad alimentazione idraulica e NoStress**
*For series with **hydraulic feeding systems and NoStress***

20



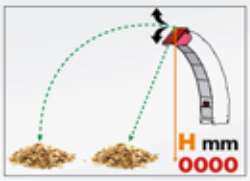
Altezza introduzione materiale da terra per **sistemi autoalimentanti**
Height** of material introduction from the ground for **self-feeding systems

21



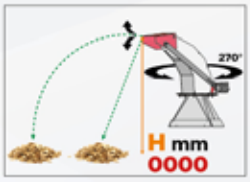
Altezza introduzione materiale da terra con **sistemi ad alimentazione idraulica e NoStress**
Height** of material introduction from the ground with **hydraulic feeding systems and NoStress

22



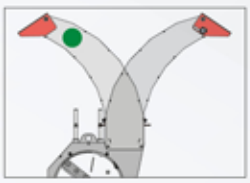
Altezza del tubo di scarico
Height of discharge pipe

23



Tubo di scarico orientabile a 270° gradi
270° rotating discharge pipe

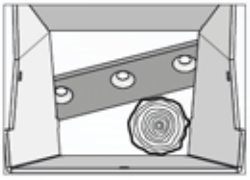
24



Tubo di scarico cippato con possibilità di montaggio su **entrambi** i lati (lato ● **consigliato**)
*Wood chip discharge pipe with the possibility of mounting on **both sides** (● **recommended** side)*

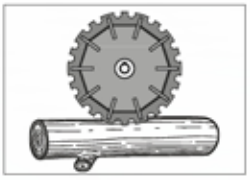
Alimentazione del materiale da cippare - *Feeding of the material to be chipped*

25



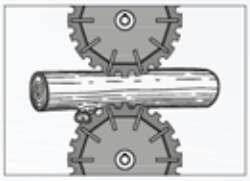
Sistema autoalimentante
Self-feeding system

26



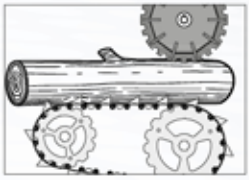
Alimentazione con 1 rullo idraulico
Feeding with 1 hydraulic roller

27



Alimentazione con 2 rulli idraulici
Feeding with 2 hydraulic rollers

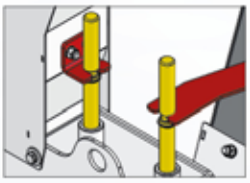
28



Alimentazione con 1 rullo idraulico ed 1 nastro trasportatore in acciaio
Feeding with 1 hydraulic roller and 1 steel conveyor belt

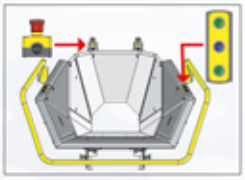
Sistemi di sicurezza e pulsanti di comando - *Safety systemsand control buttons*

29



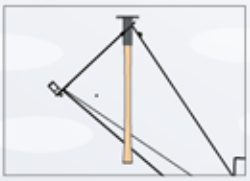
- Perni di sicurezza per blocco rotazione del sistema di taglio durante le manutenzioni
- *Safety pins for blocking rotation of the cutting system during maintenance*

30



- Sistemi di sicurezza e pulsanti di comando per versioni con **NoStress**
- *Safety systems and control buttons for versions with **NoStress***

31



Spingi-ramo e foglie
Branch and leaf pusher

32

NoStress programmabile a **3 funzioni** (ramaglia con foglie tronchi e ramaglia senza foglie)
***Programmable NoStress** with **3 functions** (branches with leaves trunks and branches without leaves)*

☛ Gestione dell'alimentazione del materiale da cippare con **NoStress**
☛ *Feeding management of the material to be chipped with **NoStress***

Movimentazione del Cippatore - *Chipper handling*

33

Spostamento a spinta del cippatore
Push displacement of the chipper

34

Ruota piena con coppiglia
Full wheel with cotter pin

35

Ruota pneumatica con cuscinetti
Pneumatic wheel with bearings

36

Motocarriola **costruita in Italia**
*Wheelbarrow **built in Italy***

37

Categoria trattore
Tractor category

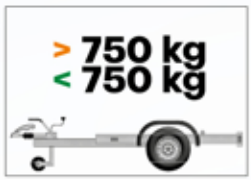
38

Posizione di lavoro macchina **longitudinale**
Longitudinal
machine working position

39

Posizione di lavoro macchina **trasversale**
Transversal
machine working position

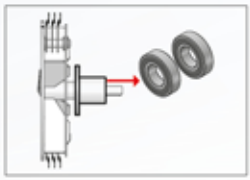
40



Carrello stradale **omologato europeo** 80 Km/h
European approved
road trailer 80 km/h

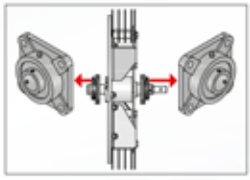
Montaggio del sistema di taglio sulla camera di triturazione
Mounting the cutting system on the shredding chamber

41



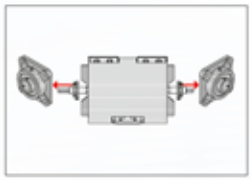
"Albero di estremità" a **flangiatura posteriore** con 2 cuscinetti autolubrificanti per disco cippatore
***Rear flanged** "end shaft"*
with 2 self-lubricating bearings
for chipper disc

42



"Albero intermedio" e **2 supporti cuscinetto** per lavorazioni gravose per disco cippatore
*"Intermediate shaft" and **2 bearing supports**, for heavy-duty work*
for chipper disc

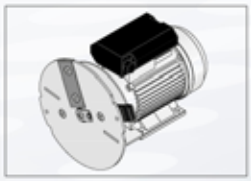
43



"Albero intermedio" e **2 supporti cuscinetto** per lavorazioni gravose per tamburo triturante
*"Intermediate shaft" and **2 bearing supports** for heavy-duty work*
for shredder drum

Trasmissione della potenza al sistema di taglio
Power transmission to the cutting system

44

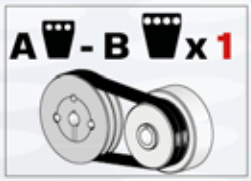


Trasmissione diretta al volano
Direct drive to the flywheel

45

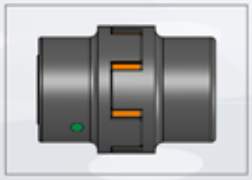
Trasmissione al volano per mezzo di cinghie e pulegge
Transmission belts and pulleys to the flywheel

46



Trasmissione al volano per mezzo di cinghie e frizione centrifuga
Power transmission belts and centrifugal clutch to the flywheel

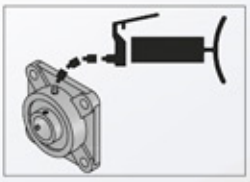
47



La trasmissione al volano avviene per mezzo di **giunto elastico** e **spina di sicurezza**
*Transmission through gearbox with **elastic joint** and **safety pin***

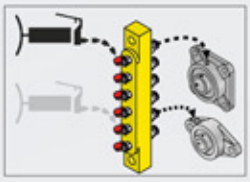
Ingrassaggio - *Greasing*

48



Ingrassaggio manuale
dei supporti cuscinetto
Manual greasing
of the bearing units

49



Ingrassaggio centralizzato
dei supporti cuscinetto
Centralized greasing of the bearing units

Benzina ed olio idraulico - *Petrol and hydraulic oil*

50

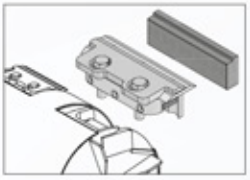
Serbatoio benzina portatile
certificato
Certified portable petrol tank

51

Serbatoio olio idraulico
indipendente
Independent hydraulic oil tank

Sistema a tasselli con Dima di regolazione
Dowel system with adjustment Template

52



FBC Maniago Italy

Serie BIO

Cippatori ad uso hobbistico o semiprofessionale per piccole potature domestiche.

Chippers for domestic or semi-professional use. The best solution for small pruning.

100% Made in Italy

FBC Maniago Italy

Serie BIO

BIO.M5.30

BIO.M5.30

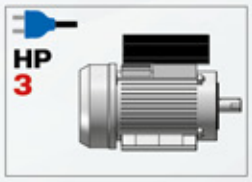
1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

4



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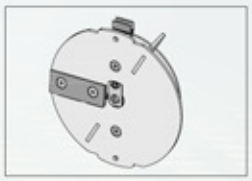
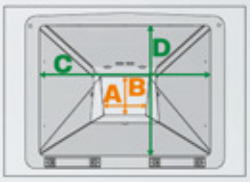


12

15

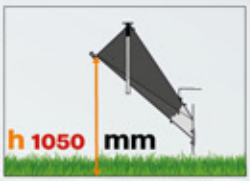
16

18



A - B
105 x 150 mm
C - D
320 x 310 mm

20



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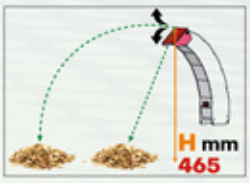

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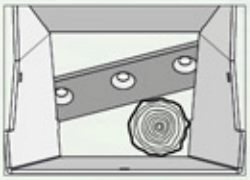


33

34

44

H: 1280 mm
L: 980 mm
P: 610 mm

Peso / Weight

KG 50

FBC Maniago Italy

Serie BIO

BIO.S2.55H

BIO.S2.55H

1

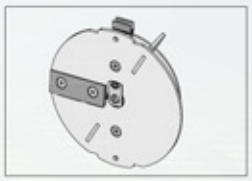
2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

10



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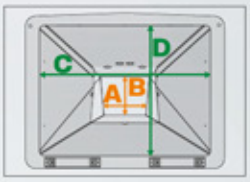
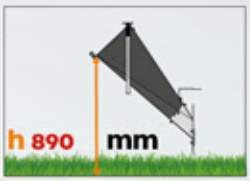


A - B
140 x 230 mm
C - D
310 x 340 mm

20



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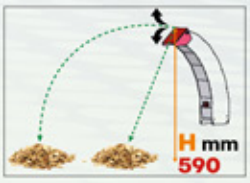

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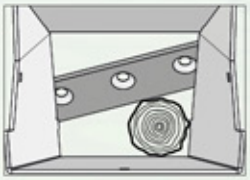

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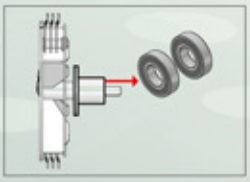

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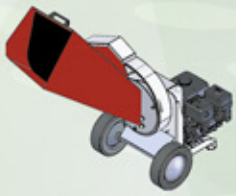

H: 1160 mm
L: 1220 mm
P: 725 mm

Peso / Weight
KG 65

FBC Maniago Italy

Serie BIO

BIO.S2.65A

BIO.S2.65A

1

2

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5

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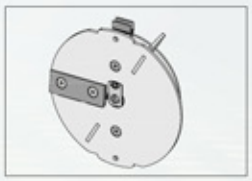

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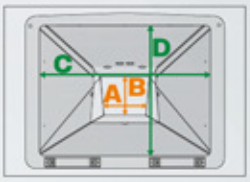
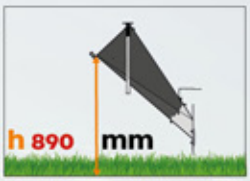


A - B
140 x 230 mm
C - D
310 x 340 mm

20



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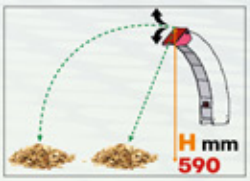

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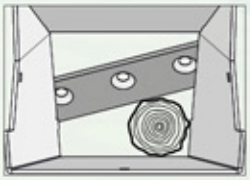

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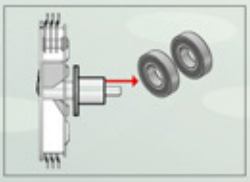

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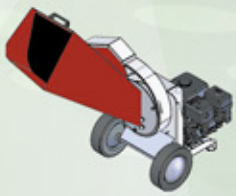

H: 1160 mm
L: 1220 mm
P: 725 mm

Peso / Weight
KG 65

FBC Maniago Italy

Serie BIO

BIO.S2.PF

BIO.S2.PF

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

8

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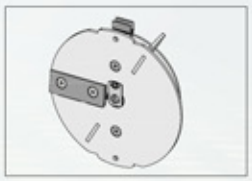

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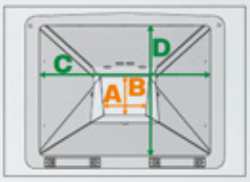
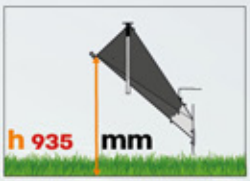


A - B
140 x 230 mm
C - D
310 x 340 mm

20



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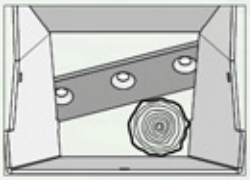

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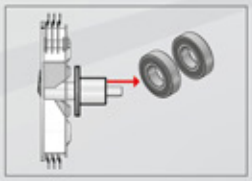


45

H: 1200 mm
L: 1040 mm
P: 850 mm

Peso / Weight
KG 60

Serie BIO

Dotati di un'unica tramoggia di carico, la triturazione di potature fresche avviene per mezzo di due lame ed una controlama che eseguono il primo taglio e 6 martelli mobili che riducono ulteriormente il prodotto in schegge. Il materiale di risulta può essere utilizzato per compostaggio, pacciamatura o, se opportunamente essiccato, in caldaie a cippato. Avvalendosi di ruote e maniglia di spostamento risulta di facile utilizzo per gli hobbisti che hanno un occhio particolare alla manutenzione dei propri giardini. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

The BIO line is provided with a single loading hopper. Fresh pruning is firstly shredded by two blades and a counter blade followed by 6 mobile hammers which reduce the material into chips. The resulting material may be used for composting, mulching or in wood-burning stoves fuelled with wood chips. Owing to its wheels and displacement handle, the BIO line is the best solution for garden maintenance. Due to the robust steel structure responding to the CE safety requirements, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie CIP 6

Cippatori ad uso semiprofessionale per potature domestiche e ramaglie.

Chippers for semi-professional use. The best solution for domestic pruning and branches.

Serie CIP 6

100% Made in Italy

FBC Maniago Italy

Serie CIP 6

CIP.6.EL
CIP.6.EL.T

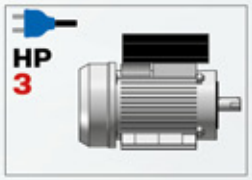
10

CIP.6.EL

1

2

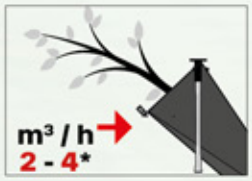
4



CIP.6.EL.T

1

2



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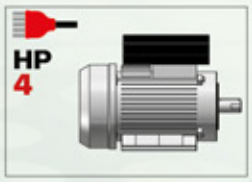


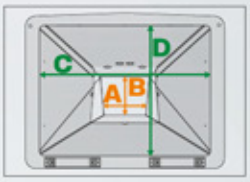
* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.
* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

12

14

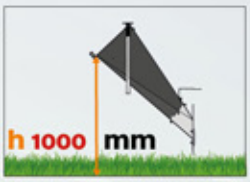
16

18



A - B
100 x 145 mm
C - D
440 x 435 mm

20



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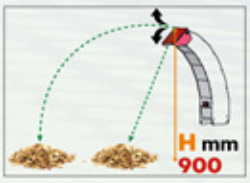

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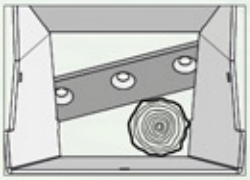

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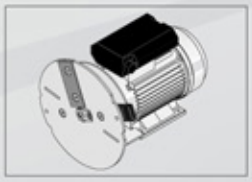
44



H: 1300 mm
L: 1250 mm
P: 550 mm

Peso / Weight
KG 73,5

FBC Maniago Italy

Serie CIP 6

CIP.6.55H

CIP.6.55H

1

2

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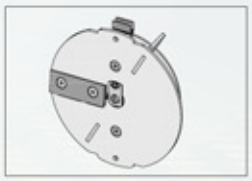
* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

10



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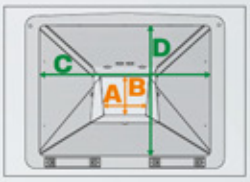
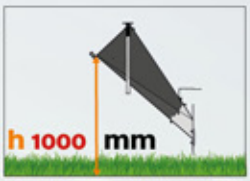


A - B
100 x 145 mm
C - D
440 x 355 mm

20



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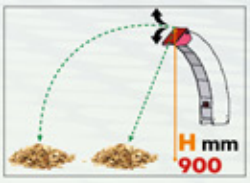

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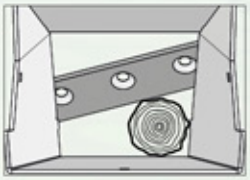

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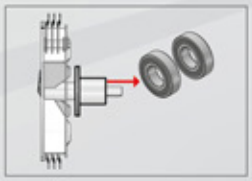


45

H: 1300 mm
L: 1370 mm
P: 560 mm

Peso / Weight
KG 83,5

FBC Maniago Italy

Serie CIP 6

CIP.6.65A

CIP.6.65A

1

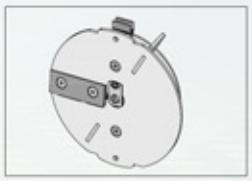
2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

10



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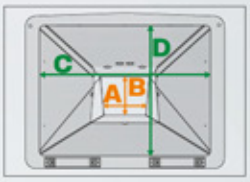
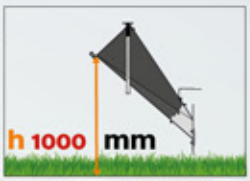


A - B
100 x 145 mm
C - D
440 x 355 mm

20



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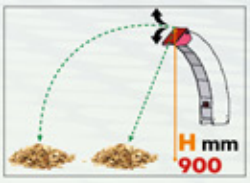

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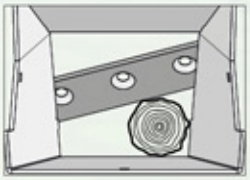

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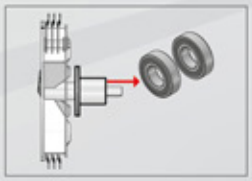

45

H: 1300 mm
L: 1370 mm
P: 560 mm

Peso / Weight
KG 83,5

FBC Maniago Italy

Serie CIP 6

CIP.6.PF

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

8

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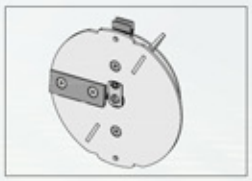

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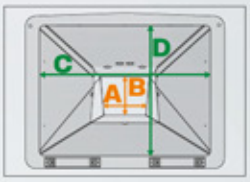
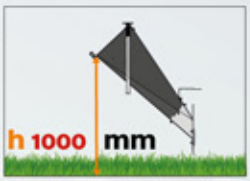


A - B
100 x 145 mm
C - D
440 x 355 mm

20



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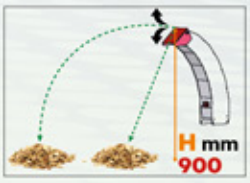

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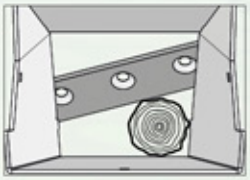

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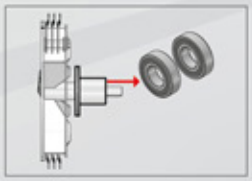

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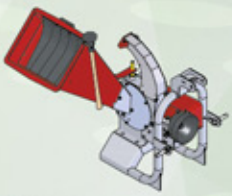

H: 1300 mm
L: 1200 mm
P: 880 mm

Peso / Weight

KG 82,5

FBC Maniago Italy

Serie CIP 6

CIP.6.MC

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

9

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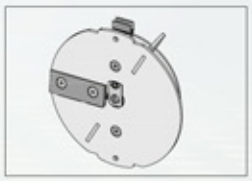

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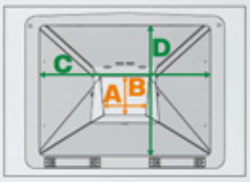
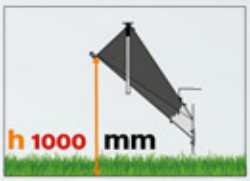


A - B
100 x 145 mm
C - D
440 x 355 mm

20



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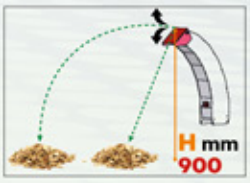

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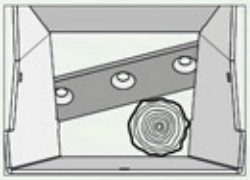

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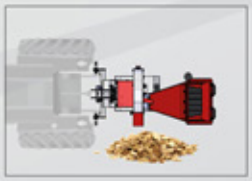

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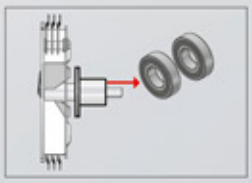

45

H: 1260 mm
L: 1300 mm
P: 550 mm

Peso / Weight
KG 73,5

Serie CIP 6

Dotato di un'unica tramoggia di carico, la triturazione di potature fresche avviene per mezzo di una lama ed una controlama ad L che eseguono il primo taglio e 4 martelli mobili ad S che riducono ulteriormente il prodotto in schegge. Il materiale di risulta può essere utilizzato per compostaggio, pacciamatura o, se opportunamente essiccato, in caldaie a cippato. Avvalendosi di ruote (nei modelli che le prevedono) e maniglia di spostamento risulta di facile utilizzo per gli utilizzatori che hanno un occhio particolare alla manutenzione dei propri giardini. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

The CIP.6 line is provided with a single loading hopper. Fresh pruning is firstly shredded by a blade and a L-shaped counter blade followed by 4 mobile S-shaped hammers which reduce the material into chips. The resulting material may be used for composting, mulching or in wood-burning stoves fuelled with wood chips. Owing to its wheels (where provided) and displacement handle, the CIP.6 line is the best solution for garden maintenance. Due to the robust steel structure responding to the CE safety requirements, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie CIP 8

Cippatori ad uso professionale per potature e ramaglie.

Chippers for professional use. The best solution for pruning and branches.

Serie CIP 8

100% Made in Italy

FBC Maniago Italy

Serie CIP 8

CIP.8.13H

CIP.8.13H

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

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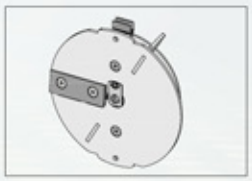

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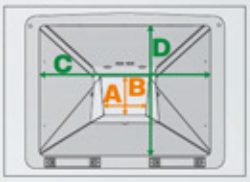
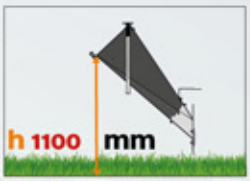


A - B
120 x 165 mm
C - D
490 x 370 mm

20



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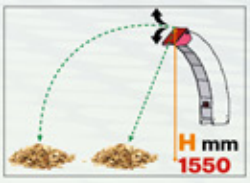

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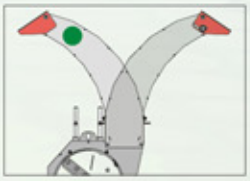

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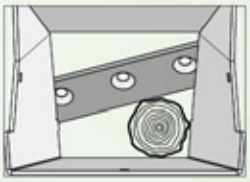

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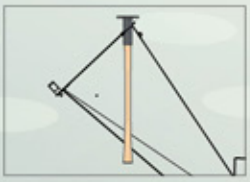

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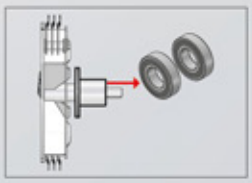

45

H: 1500 mm
L: 1500 mm
P: 730 mm

Peso / Weight

KG 139

FBC Maniago Italy

Serie CIP 8

CIP.8.13A

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

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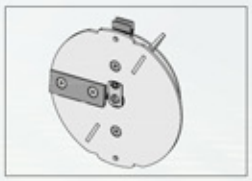

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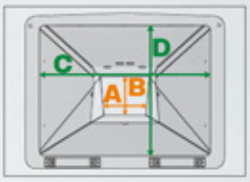
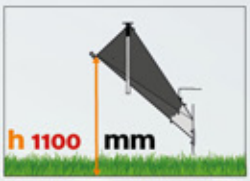


A - B
120 x 165 mm
C - D
490 x 370 mm

20



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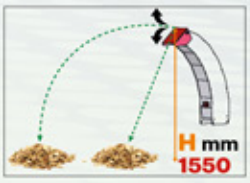

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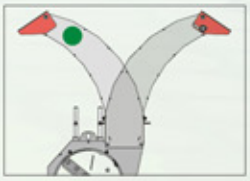

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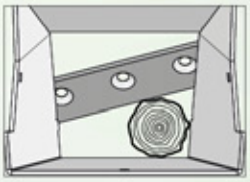

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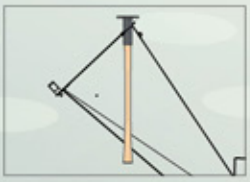

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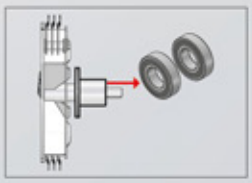

45

H: 1500 mm
L: 1500 mm
P: 730 mm

Peso / Weight
KG 139

FBC Maniago Italy

Serie CIP 8

CIP.8.PF

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

7

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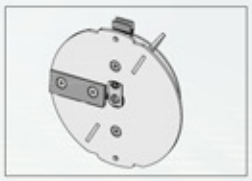

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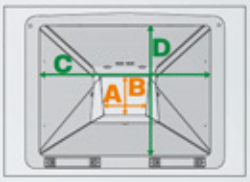
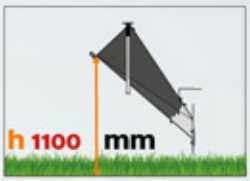


A - B
120 x 165 mm
C - D
490 x 370 mm

20



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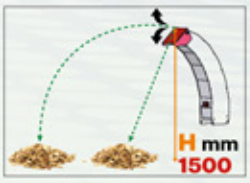

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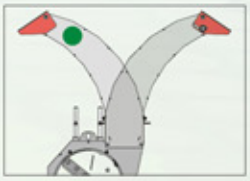

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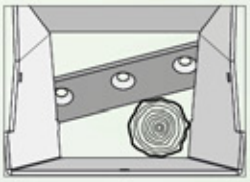

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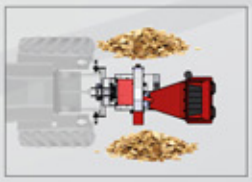

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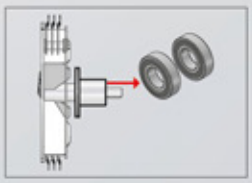

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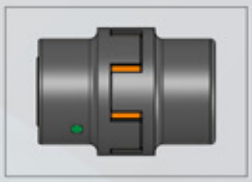

H: 1450 mm
L: 1530 mm
P: 785 mm

Peso / Weight
KG 124.5

FBC Maniago Italy

Serie CIP 8

CIP.8.MC

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

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9

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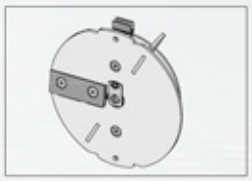

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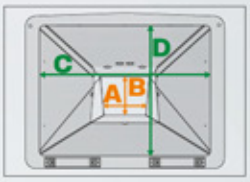
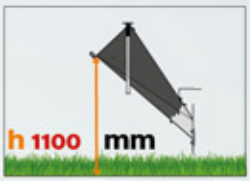


A - B
120 x 165 mm
C - D
490 x 370 mm

20



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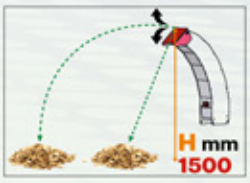

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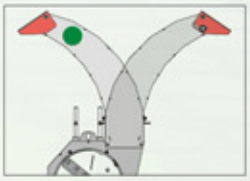

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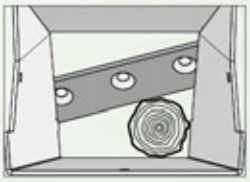

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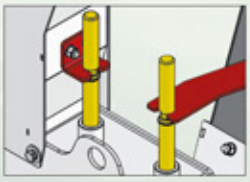

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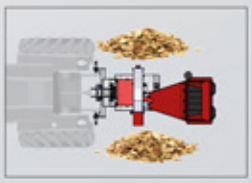

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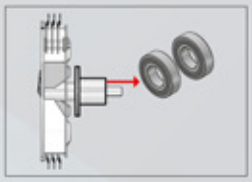

45

H: 1450 mm
L: 1360 mm
P: 730mm

Peso / Weight

KG 118,5

FBC Maniago Italy

Serie CIP 8

CIP.8.13H.DU
CIP.8.13A.DU

CIP.8.13H.DU • CIP.8.13A.DU

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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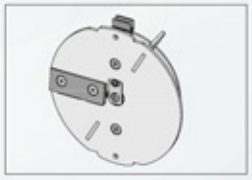

CIP.8.13H.DU

5

CIP.8.13A.DU

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12

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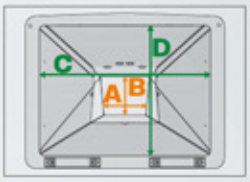
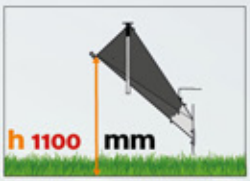


A - B
120 x 165 mm
C - D
490 x 370 mm

20


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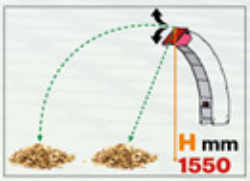

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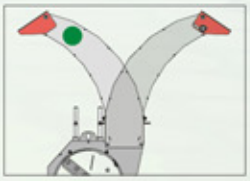

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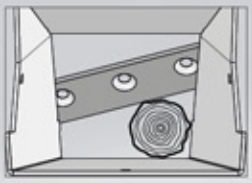

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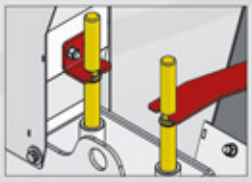

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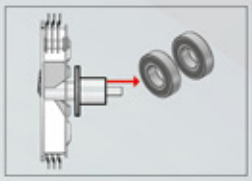

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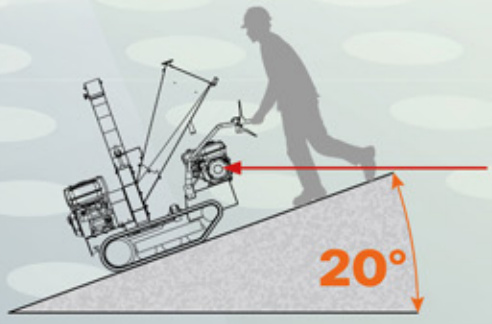

CIP.8.13H.DU

CIP.8.13A.DU

H: 1500 mm
L: 1715 mm
P: 750 mm

Peso / Weight
KG 305

FBC Maniago Italy

Serie CIP 8

CIP.8.13H.DU.CR
CIP.8.13A.DU.CR

CIP.8.13H.DU.CR • CIP.8.13A.DU.CR

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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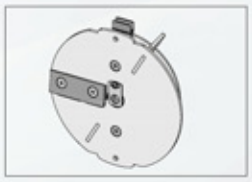

CIP.8.13H.DU.CR

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CIP.8.13A.DU.CR

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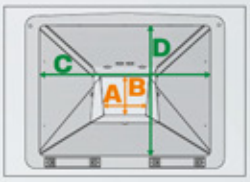
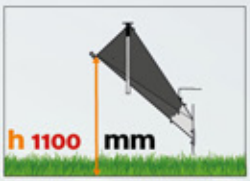


A - B
120 x 165 mm
C - D
490 x 370 mm

20



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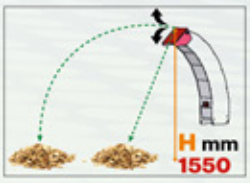

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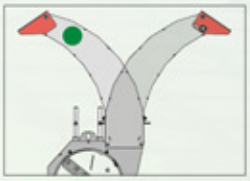

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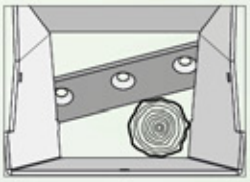

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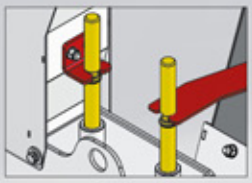

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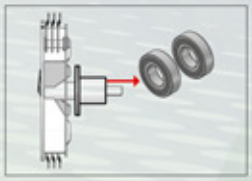

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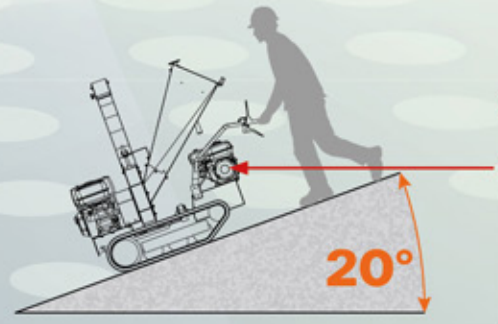


CIP.8.13H.DU.CR

CIP.8.13A.DU.CR

H: 1500 mm
L: 1715 mm
P: 750 mm

Peso / Weight
KG 305

Serie CIP 8

Dotato di un'unica tramoggia di carico, la triturazione di potature fresche avviene per mezzo di una lama ed una controlama ad L che eseguono il primo taglio e 6 martelli mobili ad S che riducono ulteriormente il prodotto in schegge. Il materiale di risulta può essere utilizzato per compostaggio, pacciamatura o, se opportunamente essiccato, in caldaie a cippato. Avvalendosi di ruote (nei modelli che le prevedono) e maniglia di spostamento risulta di facile utilizzo per gli utilizzatori e manutentori professionisti che hanno un occhio particolare alla cura dei giardini o dei parchi. Le versioni a motocoltivatore o su motocarriola permette un agevole spostamento del cippatore anche su terreni difficili garantendo un'altezza di introduzione del materiale uguale alle versioni a spinta. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

The CIP.8 line is provided with a single loading hopper. Fresh pruning is firstly shredded by a blade and a L-shaped counter blade followed by 6 mobile S-shaped hammers which reduce the material into chips. The resulting material may be used for composting, mulching or in wood-burning stoves fuelled with wood chips. Owing to its wheels (where provided) and displacement handle, the CIP.8 line is the best solution for gardens or small parks maintenance. The two wheels tractor or wheelbarrow versions allow for easy displacement of the chipper even on difficult terrain, guaranteeing a material introduction height equal to the push versions. Due to the robust steel structure responding to the CE safety requirements, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie CIP 10

Cippatori professionali per uso intensivo per potature e ramaglie.

Professional chippers for intensive use for pruning and branches.

Serie CIP 10

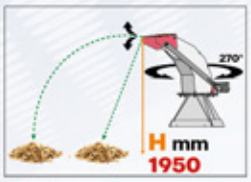
100% Made in Italy

FBC Maniago Italy

Serie CIP 10

CIP.10.13H

23



Optional

Scarico girevole

Rotating discharge pipe

MUSO000009

CIP.10.13H

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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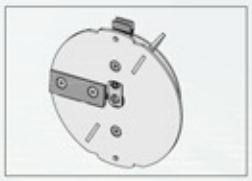

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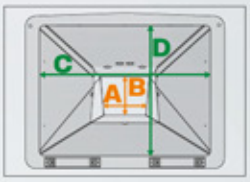

A - B
150 x 150 mm
C - D
590 x 400 mm

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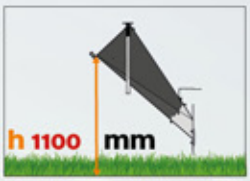

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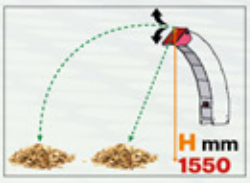

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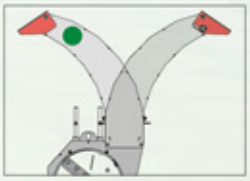

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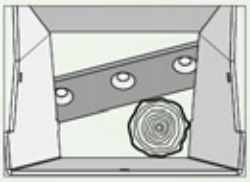

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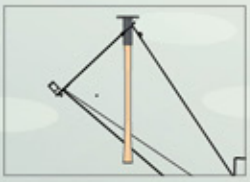

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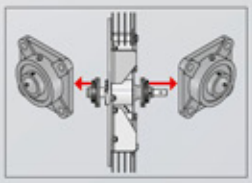

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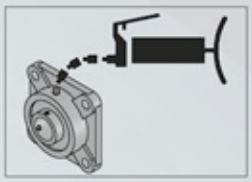


H: 1500 mm
L: 1550 mm
P: 890 mm

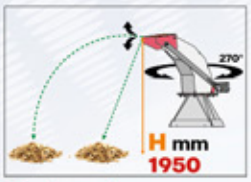
Peso / Weight
KG 184.5

FBC Maniago Italy

Serie CIP 10

CIP.10.13A

23



Optional

Scarico girevole

Rotating discharge pipe

MUSO000009

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

5

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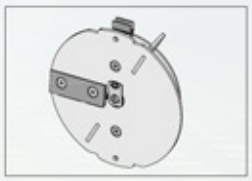

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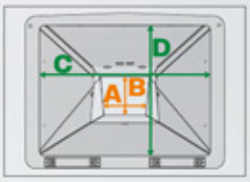
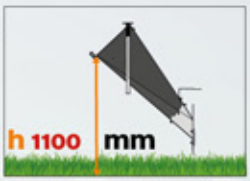


A - B
150 x 150 mm
C - D
590 x 400 mm

20



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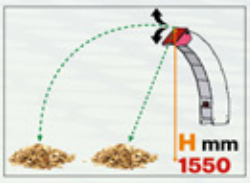

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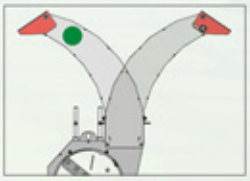

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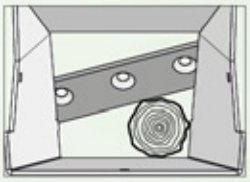

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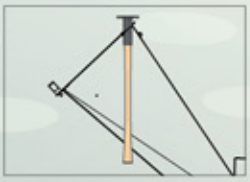

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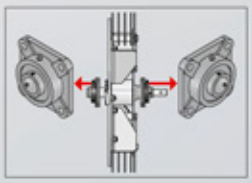

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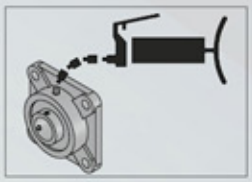


H: 1500 mm
L: 1550 mm
P: 890 mm

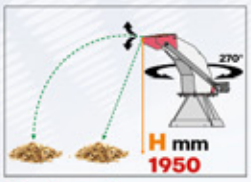
Peso / Weight
KG 184.5

FBC Maniago Italy

Serie CIP 10

CIP.10.PF

23



Optional

Scarico girevole

Rotating discharge pipe

MUSO000009

1

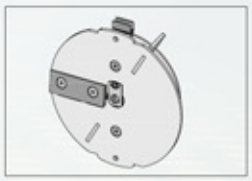
2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

7

10



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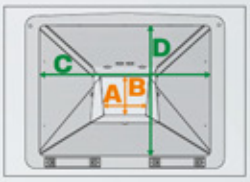
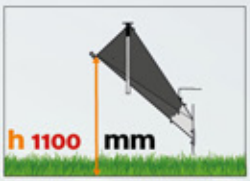


A - B
150 x 150 mm
C - D
590 x 400 mm

20



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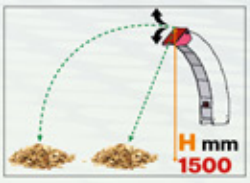

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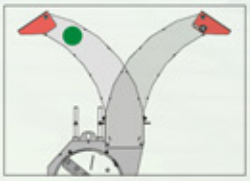

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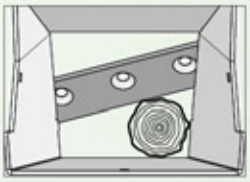

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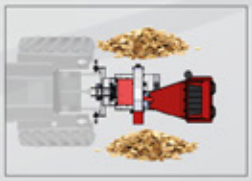

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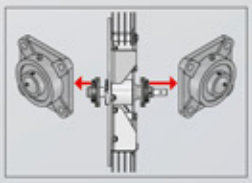

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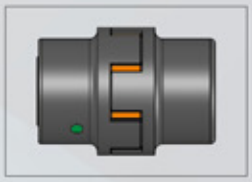

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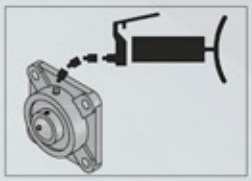


H: 1500 mm
L: 1620 mm
P: 895 mm

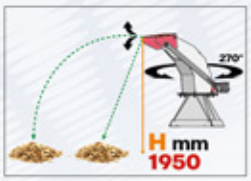
Peso / Weight
KG 170

FBC Maniago Italy

Serie CIP 10

CIP.10.13H.DU
CIP.10.13A.DU

23



Optional
Scarico girevole
Rotating discharge pipe
MUSO000009

CIP.10.13H.DU • CIP.10.13A.DU

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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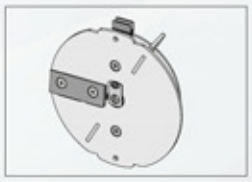

CIP.10.13H.DU

5

CIP.10.13A.DU

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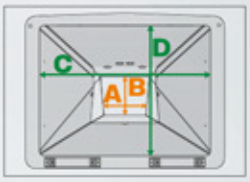

A - B
150 x 150 mm
C - D
590 x 400 mm

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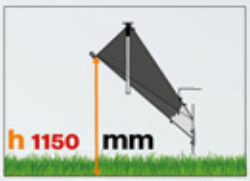

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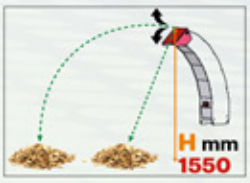

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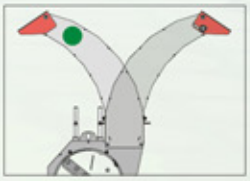

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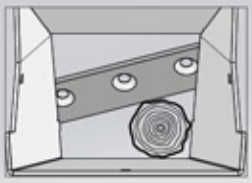

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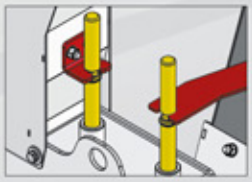

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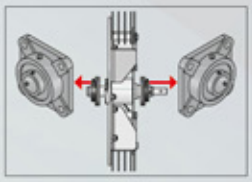

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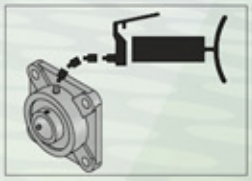


CIP.10.13H.DU

CIP.10.13A.DU

H: 1550 mm
L: 1715 mm
P: 890 mm

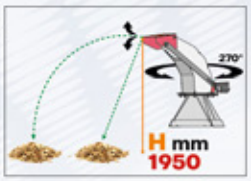
Peso / Weight
KG 345

FBC Maniago Italy

Serie CIP 10

CIP.10.13H.DU.CR
CIP.10.13A.DU.CR

23



Optional
Scarico girevole
Rotating discharge pipe
MUSO000009

CIP.10.13H.DU.CR • CIP.10.13A.DU.CR

1

2

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.
** The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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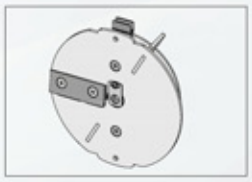

CIP.10.13H.DU

5

CIP.10.13A.DU

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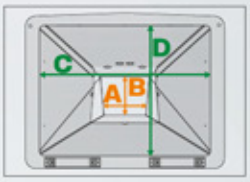

A - B
150 x 150 mm
C - D
590 x 400 mm

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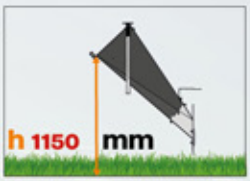

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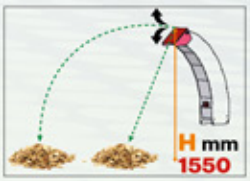

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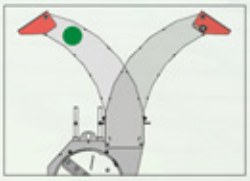

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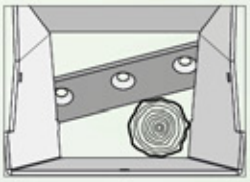

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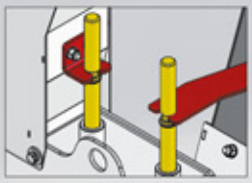

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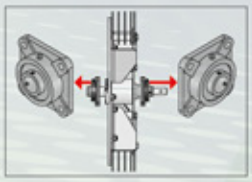

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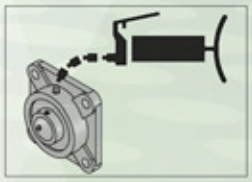
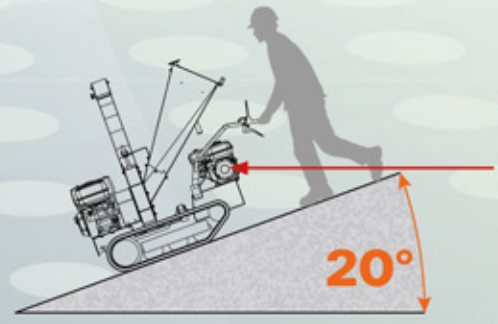




CIP.10.13H.DU.CR

CIP.10.13A.DU.CR

H: 1550 mm
L: 1715 mm
P: 890 mm

Peso / Weight
KG 345

Serie CIP 10

Dotato di un'unica tramoggia di carico, la triturazione di potature fresche avviene per mezzo di una lama ed una controlama a L che eseguono il primo taglio e 10 martelli mobili che riducono ulteriormente il prodotto in schegge. Il materiale di risulta può essere utilizzato per compostaggio, pacciamatura o, se opportunamente essiccato, in caldaie a cippato. Avvalendosi di ruote pneumatiche (nei modelli che le prevedono) e maniglia di spostamento risulta di facile utilizzo per i manutentori professionisti o boscaioli che hanno un occhio particolare alla cura dei giardini, dei parchi o del sottobosco. Le versioni su motocarriola permettono un agevole spostamento del cippatore anche su terreni difficili garantendo un'altezza di introduzione del materiale uguale alle versioni a spinta. Nella serie CIP.10, F.B.C. ha prestato particolare attenzione alla compattezza della macchina, alle sue prestazioni ed alla solidità della struttura bilanciando il volano con supporti cuscinetti anteriore e posteriore ed offrendo accessi veloci per le manutenzioni. A richiesta può essere fornito lo scarico girevole a 1900 mm da terra (Codice MUS0000009). Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

The CIP.10 line is provided with a single loading hopper. Fresh pruning is firstly shredded by a blade and a L-shaped counter blade followed by 10 mobile hammers which further reduce the material into chips. The resulting material may be used for composting, mulching or in wood-burning stoves fuelled with wood chips. Due to the pneumatic wheels (where provided) and displacement handle, the CIP.10 line is the best solution for professionals and lumberjacks involved in garden, park or undergrowth maintenance. The wheelbarrow versions allow for easy displacement of the chipper even on difficult terrain, guaranteeing a material introduction height equal to the push versions. For the CIP.10 line, F.B.C. paid special attention to design, high-performance and solidity of the machines, providing front and rear bearing units for a better balanced flywheel and faster access to maintenance. A 1900mm rotating discharge pipe (Code MUS0000009) could be provided. Due to the robust steel structure responding to the CE safety requirements, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie BIO 10

Serie BIO 10

Biotrituratore professionale con Alimentazione Idraulica (1 Rulllo) e NoStress per smaltimento di ramaglie e foglie.

Professional shredder with Hydraulic Feed (1 Roller) and NoStress for disposal of branches and leaves.

100% Made in Italy

FBC Maniago Italy

Serie BIO 10

BIO.10.18HE.DU.RI

1

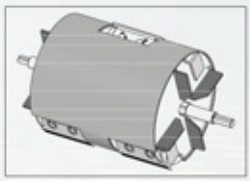
3

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

6

11



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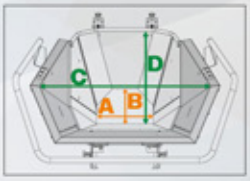
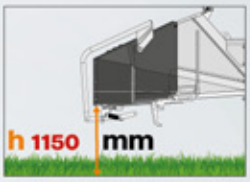


A - B
420 x 110 mm
C - D
590 x 580 mm

21



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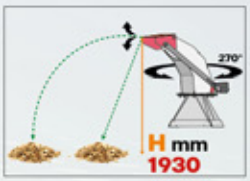

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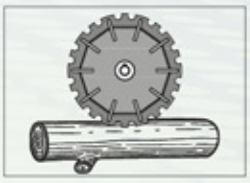

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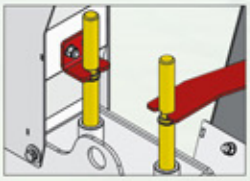

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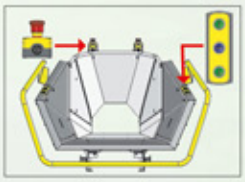

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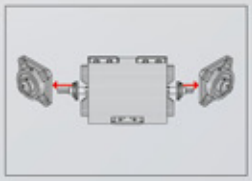

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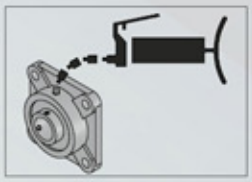

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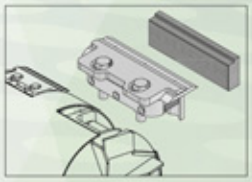


H: 1870 mm
L: 2355 mm
P: 845 mm

Peso / Weight
KG 620

BIO.10.18HE.DU.RI

FBC Maniago Italy

Serie BIO 10

BIO.10.14AE.DU.RI

1

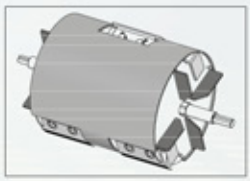
3

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

6

11



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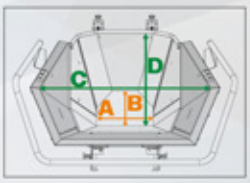
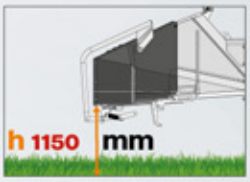


A - B
420 x 110 mm
C - D
590 x 580 mm

21



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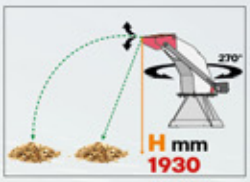

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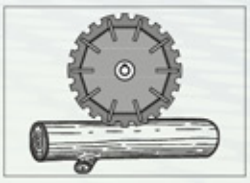

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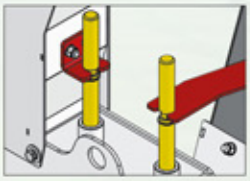

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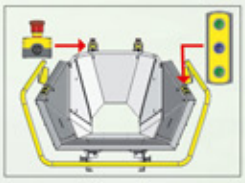

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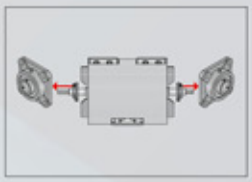

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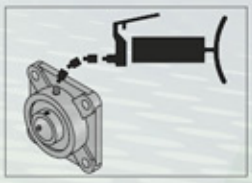

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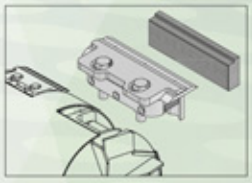
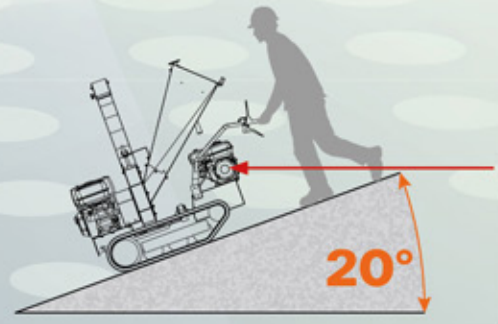


BIO.10.14AE.DU.RI



H: 1870 mm
L: 2355 mm
P: 845 mm

Peso / Weight
KG 570

FBC Maniago Italy

Serie BIO 10

BIO.10.PF.RI

1

3

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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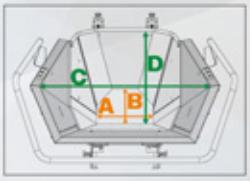
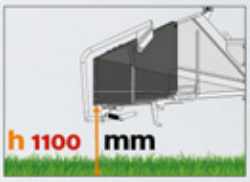


A - B
420 x 110 mm
C - D
590 x 580 mm

21



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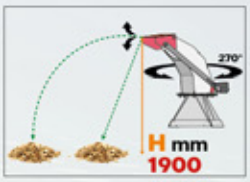

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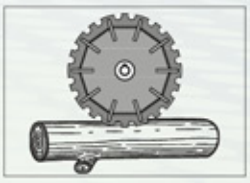

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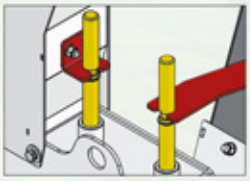

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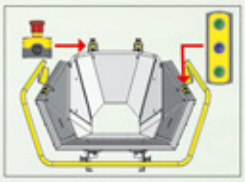

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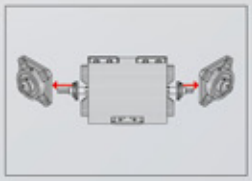

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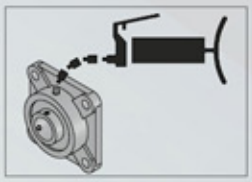

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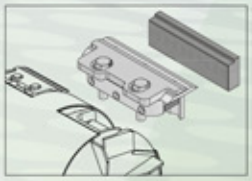

H: 1850 mm
L: 2130 mm
P: 790 mm

Peso / Weight
KG 390

FBC Maniago Italy

Serie BIO 10

BIO.10.18HE.TR.RI
BIO.10.14AE.TR.RI

1

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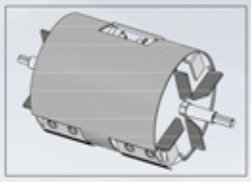

BIO.10.18HE.TR.RI

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BIO.10.14AE.TR.RI

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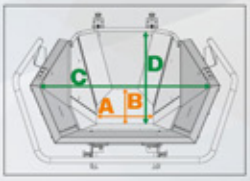
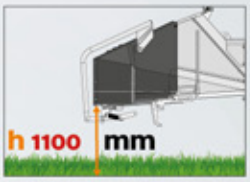


A - B
420 x 110 mm
C - D
590 x 580 mm

21



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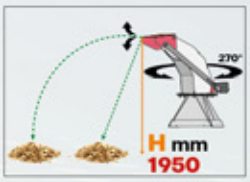

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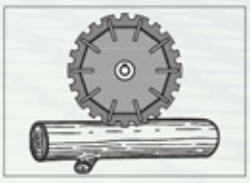

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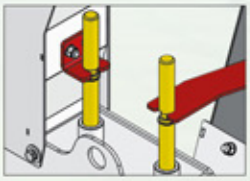

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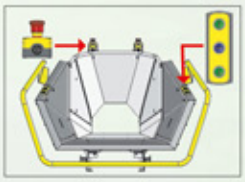

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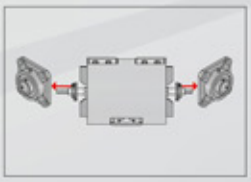

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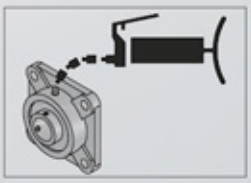

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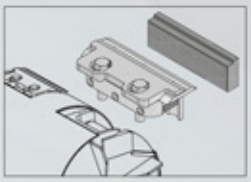

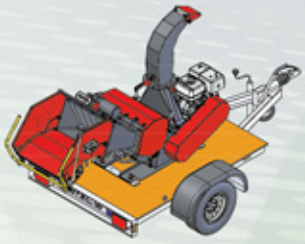

H: 1900 mm
L: 3200 mm
P: 1690 mm

BIO.10.18HE.TR.RI

Peso / Weight

KG 650

BIO.10.14AE.TR.RI

Peso / Weight

KG 590

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.

* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

BIO.10.18HE.TR.RI • BIO.10.14AE.TR.RI

Serie BIO 10

La triturazione di potature fresche avviene per mezzo di 3 lame reversibili ed una controlama che riducono velocemente il prodotto in schegge. Il tamburo triturante a 3 settori di notevole larghezza permette la lavorazione delle biforcazioni delle ramaglie senza che l'utilizzatore debba eseguirne la sbroccatura ed è dotato di alette che aumentano la ventilazione per l'espulsione del materiale anche umido e delle foglie. Il sistema a tasselli con dima di regolazione permette una rapida manutenzione del sistema di taglio anche in cantiere se necessario. Lo studio del sistema di taglio ottimizza i consumi di carburante nelle versioni con motore a scoppio. La versione BI010 è equipaggiata con 1 Rullo azionato da motore idraulico controllato da sistema Nostress con funzione di ritorno e programmabile per tre tipologie di lavoro, ramaglia con foglie, ramaglia nuda e tronchi. L'ampia tramoggia agevola il carico del materiale da triturare e si può richiudere per ridurre gli ingombri durante le fasi di trasporto e immagazzinamento. È di facile utilizzo per i manutentori professionisti o boscaioli che hanno l'esigenza di smaltire velocemente grandi quantità di ramaglie derivanti dalle potature dei giardini, dei parchi pubblici o del sottobosco. Il materiale di risulta può essere utilizzato per compostaggio. Nella realizzazione della BI0.10, F.B.C. ha prestato particolare attenzione alla compattezza della macchina, alle sue prestazioni, alla solidità ed accessi veloci e sicuri per le manutenzioni. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

Fresh pruning is quickly reduced into very fine fragments by means of 3 reversible blades and a counter blade. The considerable width of the 3-sector shredding drum allows for processing of bifurcated branches without need of manual intervention, moreover fins are installed to increase ventilantion in order to eject leaves and even the most humid material. The dowel system with adjustment template allows for quick maintenance of the cutting system, even on site if necessary. The study of the cutting system optimises fuel consumption in the petrol engine versions. The BI010 is equipped with 1 roller driven by a hydraulic motor and controlled by the NoStress system with return function. Three modes are available to operate the machine: branches with leaves, bare branches and trunks. Loading the material is made easier by the large hopper which can be closed to reduce the overall dimension during transport and storage. This machine is the perfect solution for professional maintainers or lumberjacks who need to quickly dispose of large quantities of residues from pruning of gardens, public parks or undergrowth. The resulting material can be used for composting. For the BI0.10, F.B.C. paid particular attention to the compactness of the machine, its performance, solidity and fast and safe access for maintenance. Made entirely of thick steel and scrupulously following the Community safety regulations, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie BIO 13

Biotrituratore professionale con Alimentazione Idraulica (2 Rulli) e NoStress per smaltimento di ramaglie, foglie e tronchi.

Professional shredder with Hydraulic Feed (2 Rollers) and NoStress for disposal of branches, leaves and logs.

Serie BIO 13

100% Made in Italy

FBC Maniago Italy

Serie BIO 13

BIO.13.22HE.TR.RRI
BIO.13.25AE.TR.RRI

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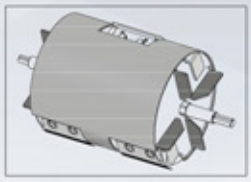

BIO.13.22HE.TR.RRI

3

6

BIO.13.25AE.TR.RRI

3

6

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.
* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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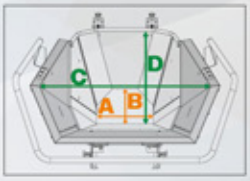
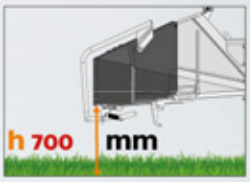


A - B
420 x 155 mm
C - D
1200 x 1200 mm

21



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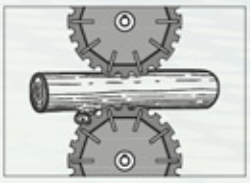

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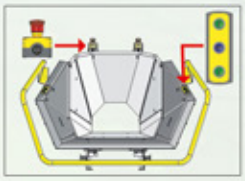

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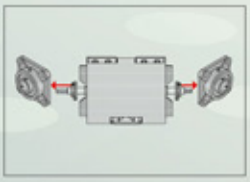

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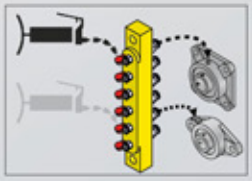

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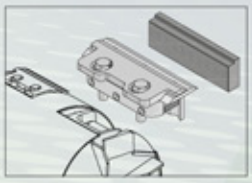
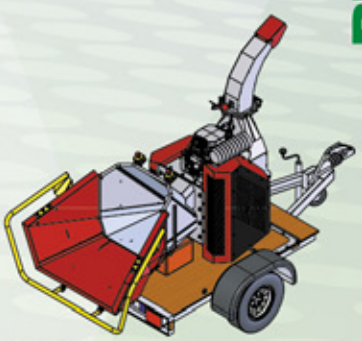




H: 2300 mm
L: 3200 mm
P: 1890 mm

BIO.13.22HE.TR.RRI

Peso / Weight

KG 730

BIO.13.25AE.TR.RRI

Peso / Weight

KG 745

BIO.13.22HE.TR.RRI • BIO.13.25AE.TR.RRI

Serie BIO 13

La triturazione di potature fresche avviene per mezzo di 3 lame reversibili ed una controlama che riducono velocemente il prodotto in schegge. Il tamburo triturante a 3 settori di notevole larghezza permette la lavorazione delle biforcazioni delle ramaglie senza che l'utilizzatore debba eseguirne la sbroccatura ed è dotato di alette che aumentano la ventilazione per l'espulsione del materiale anche più umido e delle foglie. Il sistema a tasselli con dima di regolazione permette una rapida manutenzione del sistema di taglio anche in cantiere se necessario. Lo studio degli angoli di taglio ottimizza i consumi di carburante nelle versioni con motore a scoppio. La versione BI013 è equipaggiata con 2 Rulli azionati da motori idraulici controllati da sistema NoStress con funzione di ritorno e programmabile per tre tipologie di lavoro, ramaglia con foglie, ramaglia nuda e tronchi. L'ampia tramoggia agevola il carico del materiale da triturare e si può richiudere per ridurre gli ingombri durante le fasi di trasporto e immagazzinamento. È di facile utilizzo per i manutentori professionisti, boscaioli od arboristi che hanno l'esigenza di smaltire velocemente grandi quantità di ramaglie derivanti dalle potature dei giardini, dei parchi pubblici o del sottobosco. Il materiale di risulta può essere utilizzato per compostaggio. Nella realizzazione della BIO.13, F.B.C. ha prestato particolare attenzione alla compattezza della macchina, alle sue prestazioni, alla solidità ed accessi veloci e sicuri per le manutenzioni. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

Fresh pruning is quickly reduced into very fine fragments by means of 3 reversible blades and a counter blade. The considerable width of the 3-sector shredding drum allows for processing of bifurcated branches without need of manual intervention, moreover fins are installed to increase ventilantion in order to eject leaves and even the most humid material. The dowel system with adjustment template allows for quick maintenance of the cutting system, even on site if necessary. The study of the cutting system optimises fuel consumption in the petrol engine versions. The BI013 is equipped with 2 rollers driven by a hydraulic motor and controlled by the NoStress system with return function. Three modes are available to operate the machine: branches with leaves, bare branches and trunks. Loading the material is made easier by the large hopper which can be closed to reduce the overall dimension during transport and storage. This machine is the perfect solution for professional maintainers, lumberjacks or arborists who need to quickly dispose of large quantities of residues from pruning of gardens, public parks or undergrowth. The resulting material can be used for composting. For the BIO.13, F.B.C. paid particular attention to the compactness of the machine, its performance, solidity and fast and safe access for maintenance. Made entirely of thick steel and scrupulously following the Community safety regulations, F.B.C. Chippers are reliable and meet the needs of even the most demanding users.

FBC Maniago Italy

Serie BIO 15

Biotrituratore professionale con Alimentazione Idraulica (1 Rullo + Nastro Trasportatore in Acciaio) e NoStress per smaltimento di ramaglie, foglie e tronchi.

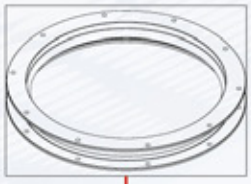
Professional shredder with Hydraulic Feed (1 Roller + Steel Conveyor Belt) and NoStress for disposal of branches, leaves and logs.

Serie BIO 15

FBC Maniago Italy

Serie BIO 15

BIO.15.22HE.TR.RNI
BIO.15.25AE.TR.RNI



Ralla

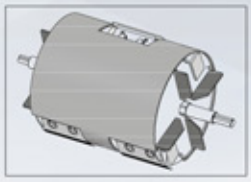
Fifth wheel

Nastro trasportatore in acciaio

Steel conveyor belt

1

11



BIO.15.22HE.TR.RNI

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BIO.15.25AE.TR.RNI

3

6

* Il dato è sensibile al tipo di materiale lavorato, dallo stato di usura delle lame e dalle capacità dell'operatore.
* *The data changes according to the kind of material being processed, the state of wear of the blades and the ability of the user.*

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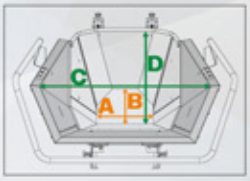

A - B
420 x 165 mm
C - D
1200 x 1150 mm

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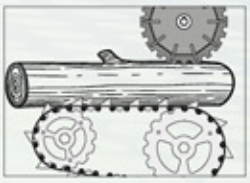

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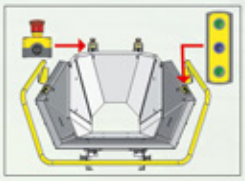

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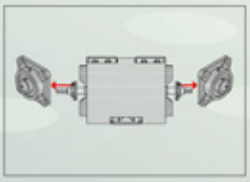

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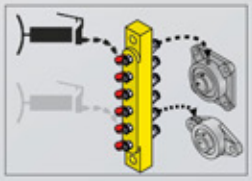

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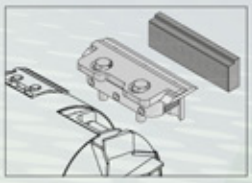

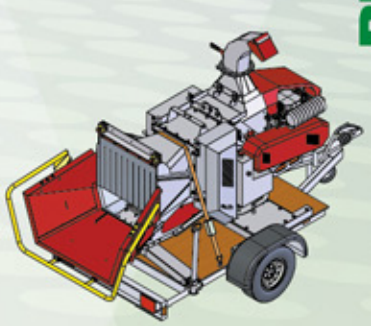

H: 2500 mm
L: 3900 mm
P: 1890 mm

BIO.15.22HE.TR.RNI

Peso / Weight

KG 1160

BIO.15.25AE.TR.RNI

Peso / Weight

KG 1200

Serie BIO 15

La triturazione di potature fresche avviene per mezzo di 3 lame reversibili ed una controlama che riducono velocemente il prodotto in schegge. Il tamburo triturante a 3 settori di notevole larghezza permette la lavorazione delle biforcazioni delle ramaglie senza che l'utilizzatore debba eseguirne la sbroccatura ed è dotato di alette che aumentano la ventilazione per l'espulsione del materiale anche più umido e delle foglie. Il sistema a tasselli con dima di regolazione permette una rapida manutenzione del sistema di taglio anche in cantiere se necessario. Lo studio degli angoli di taglio ottimizza i consumi di carburante nelle versioni con motore a scoppio. La versione BI015 è equipaggiata con 1 Rullo ed 1 nastro trasportatore in acciaio azionati da motori idraulici controllati da sistema Nostress con funzione di ritorno e programmabile per tre tipologie di lavoro, ramaglia con foglie, ramaglia nuda e tronchi. L'ampia tramoggia agevola il carico del materiale da triturare e si può richiudere per ridurre gli ingombri durante le fasi di trasporto e immagazzinamento. È di facile utilizzo per i manutentori professionisti, boscaioli od arboristi che hanno l'esigenza di smaltire velocemente grandi quantità di ramaglie derivanti dalle potature dei giardini, dei parchi pubblici o del sottobosco. Il materiale di risulta può essere utilizzato per compostaggio. Nella realizzazione della BI0.15, F.B.C. ha prestato particolare attenzione alla compattezza della macchina, alle sue prestazioni, alla solidità ed accessi veloci e sicuri per le manutenzioni. Costruite interamente in acciaio di buoni spessori e seguendo scrupolosamente le normative comunitarie in materia di sicurezza, i Cippatori F.B.C. risultano affidabili e semplici nel loro utilizzo anche per gli utilizzatori più esigenti.

Fresh pruning is quickly reduced into very fine fragments by means of 3 reversible blades and a counter blade. The considerable width of the 3-sector shredding drum allows for processing of bifurcated branches without need of manual intervention, moreover fins are installed to increase ventilantion in order to eject leaves and even the most humid material. The dowel system with adjustment template allows for quick maintenance of the cutting system, even on site if necessary. The study of the cutting system optimises fuel consumption in the petrol engine versions. The BI015 is equipped with 1 roller and 1 steel conveyor belt driven by a hydraulic motor and controlled by the NoStress system with return function. Three modes are available to operate the machine: branches with leaves, bare branches and trunks. Loading the material is made easier by the large hopper which can be closed to reduce the overall dimension during transport and storage. This machine is the perfect solution for professional maintainers, lumberjacks or arborists who need to quickly dispose of large quantities of residues from pruning of gardens, public parks or undergrowth. The resulting material can be used for composting. For the BI0.15, F.B.C. paid particular attention to the compactness of the machine, its performance, solidity and fast and safe access for maintenance. Made entirely of thick steel and scrupulously following the Community safety regulations, F.B.C. chippers are reliable and meet the needs of even the most demanding users.

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