



KIRPY

Since 1912
The stone removal specialist



GRENIER FRANCO

MADE IN FRANCE

General Brochure



www.kirpy.com



BECKER

KIRPY *Since 1912* A historic company The stone removal specialist going back over



Founded in 1912 by Mr GARRIC, KIRPY enjoyed its first success with the construction of a special plough, the «Décavaillonneuse», used by melon farmers to replace work previously carried out by hand.



Today, this represents

Over 110 years of experience

in soil preparation and over
40 years' experience in stone
removal

2 production sites

KIRPY,
47390 Layrac – France
GRENIER FRANCO,
26140 Andancette – France

Over 10,000 parts

listed in our catalogue.

3 brands

KIRPY *Since 1912*

 **GRENIER FRANCO**

 **BECKER**



2 www.kirpy.com // + 33 (0) 5 53 87 00 02

**8,500 m²
floorspace**

at the KIRPY site,
on a plot of 2 hectares

**18 stone
crusher models**

for Agriculture and Civil
Engineering.

**50 asparagus
harvesters**

harvesters operating in France,
Germany, Austria, China and Peru.

**95% of
production
is in-house**

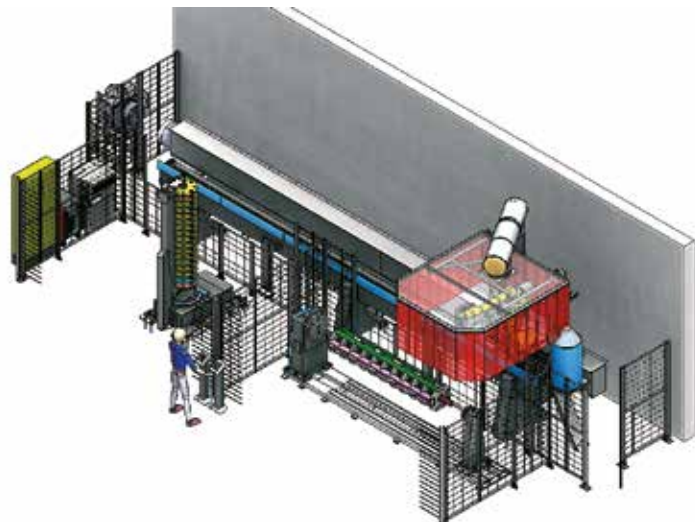
We have full control over
our products and spare
sparts

**± 100 soil
preparation
products**

Tools for Winemaking,
Arboriculture, Cash Crops
and Forestry.

**Over 1,000
tobacco
harvesters**

sold worldwide



 GRENIER FRANCO 80 years of reliability and excellence

Located in the Rhône Valley between Lyon and Valence, Grenier-Franco manufactures products for the Winegrowing, Arboriculture, Forestry and Tropical Crops sectors, including equipment for soil preparation, scrub clearance and vine lifting.

Over the past 20 years it has diversified in the manufacture of industrial handling machinery.

Its size (SME of 20 employees) and its know-how enable it to be very responsive in terms of the design and manufacture of its specialised equipment.

Known for nearly 80 years for its professional approach and the reliability of its products, it is able to adapt according to its customers' needs, offering equipment used in very demanding conditions such as scrub clearance, ripping, etc.



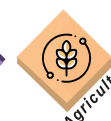
KIRPY *Since 1940*
The stone removal specialist

+ 33 (0) 5 53 87 00 02 // www.kirpy.com 3 



KIRPY *Since 1912*

The stone removal specialist



Very important //

- > The use of non-OEM parts shall void any warranties from the manufacturer.
- > The use of any grease that is not recommended for our crushers will invalidate any warranties from the manufacturer.

Recommendations

Equipment

In order to avoid any risk of error or loss of time, please provide the following information when ordering equipment:

- > Make and model of the tractor being equipped.
- > Dimensions of ball joints.
- > Exact reference of the equipment ordered.
- > Characteristics of the tractor's power take-off.
- > Preferred shipping method.
- > In order to process warranties efficiently, please provide the customer's contact information.

> Equipment and spare parts orders department: **Sophie CHALLANCIN** : commercial@kirpy.com

Commercial operators

- Pierre GATARD**
06 25 60 28 32 - p.gatard@kirpy.com
- Léandro CARDOSO**
07 85 12 38 20 - l.cardoso@kirpy.com
- Sébastien COROIR**
06 17 93 18 58 - s.coroir@kirpy.com
- D. GUTZWILLER**
03 89 40 86 17 - info@d-gutzwiller.com
- 5/EXPORT**
Cédric DE BOURAYNE
+33 6 14 64 29 96 - c.debouayne@kirpy.com

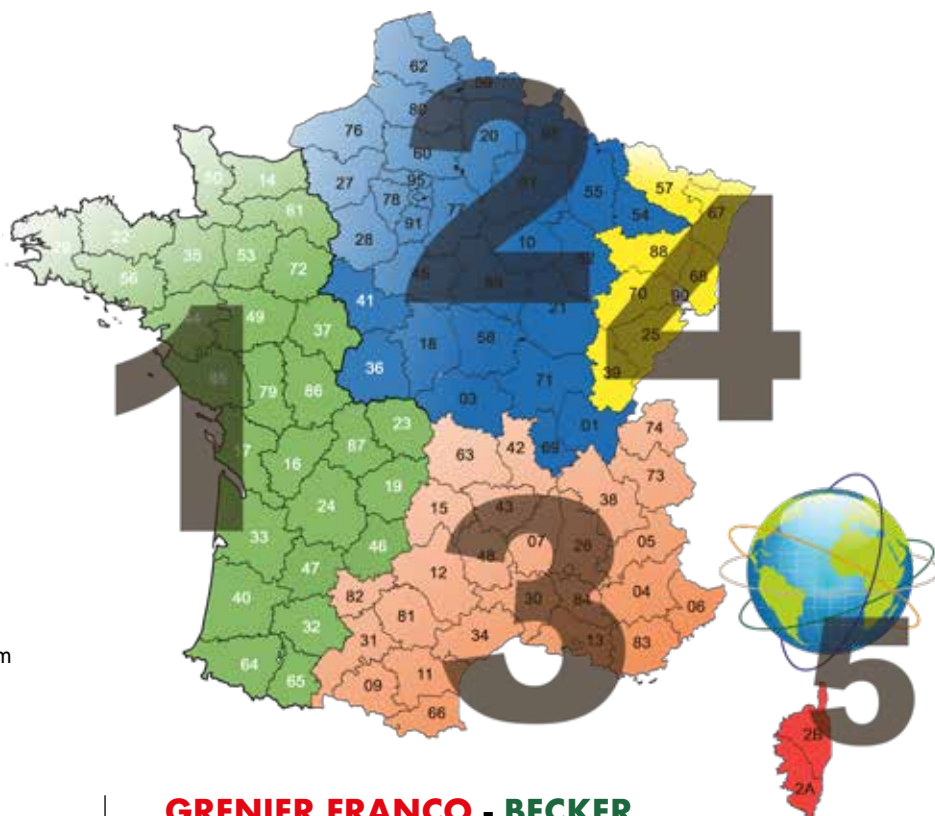
Contact details //

KIRPY

Avenue de la Gare - B.P.2
47390 LAYRAC (FRANCE)
Tél. + 33 (0)5 53 87 00 02
Email : info@kirpy.com

GRENIER FRANCO - BECKER

58 Bis RN 7 le Creux de la Thine
26140 ANDANCETTE
Tél. + 33 (0)4 75 03 12 43
Email : standard@grenier-franco.com



4 www.kirpy.com // + 33 (0) 5 53 87 00 02

KIRPY *Since 1912*
The stone removal specialist

Summary

KIRPY *Since 1976*
The stone removal specialist



GRENIER FRANCO

- p. 08** > Mini-vineyard stone crushers BP / BPE
> Vineyard stone windrowers CAV 20-24
- p. 09** > Vineyard stone crushers BPL- BPLF
- p. 10** > Stone crushers BP145 - BPR 200/250
- p. 11** > Stone crushers BPB 200/250
- p. 12** > Stone crushers BPN 200/250/300
- p. 13** > Forestry crusher BKF 250
- p. 14** > Stone crushers BPS 200/250/300
- p. 15** > Stone crushers BSC 250/300
- p. 16** > Stone removers NS TP
> Public works subsoiler / Ripper SG
> Levelling blade FAS 250
- p. 17** > Stone picker RDL 15-25
- p. 18** > Stone windrower AN 32 and AN 32-H
- p. 19** > Stone windrowers AN 3R/5R
- p. 20** > Non-stop heavy cultivators NS 25/30/35/50
- p. 21** > Moroccan tine chisel plough DM 30/35/50
> Crumbling rollers RE 25/30/35
- p. 22** > Tobacco harvester RMTD
> Complete asparagus harvester RGA

N.B. : Offset Polysocs plows for
Arboriculture and Viticulture: contact us.

- p. 24** > Vine lifters GMV
- p. 25** > Rake for collecting vine rootstocks
AMS-MA-GD-FS
- p. 26** > Single-furrow Ploughs Quarter turn
> Ripper Ploughs «Quarter turn»
- p. 27** > Subsoilers simple
> Subsoilers multi-body
- p. 28** > Cultivators Fertiliser placement subsoilers
> Subsoiler Michel shanks
- p. 29** > Cultivators Lavender sprayers
> Retractable cultivators ESF/LOC/EC
- p. 30** > Vine cultivators VME
> Vine cultivators V
- p. 31** > Organic farming cultivators NRB
> Organic farming cultivators DB
- p. 32** > Rotary weeder KR2.26
- p. 33** > CultiDisq
- p. 34** > Chisels and subsoilers MGM/BGM
> Scarifiers - Chisels SC
> Vertical axle agricultural crushers EV/SA
- p. 35** > Pallet lifter
> Fruit tree planters
> Animal-drawn plough
> "Pruning" forks
- p. 36** > Vertical axle forest brush cutters
SD/JM/SDC/BRC/JMB/BTP
- p. 37** > Vertical axle forest brush cutters LF



- p. 39** > Forest subsoilers Multifunction
> Modul'D
- p. 40** > Reversible scarifier
> Pickaxe harrow
- p. 41** > Sylva'Cass
> Grubbing blades
> Clearing foot
- p. 42** > Culti 3B
- p. 43** > Crabe
- p. 44** > Flail trimmers
> Forest subsoiler
- p. 47** > General sales
conditions



GRENIER FRANCO
MADE IN FRANCE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

KIRPY *Since 1912*

The stone removal specialist



+33 (0)5 53 87 00 02
info@kirpy.com

www.kirpy.com





Mini-vineyard stone crushers

BP 80 BPE 50/10-80

Mobile hammers - fixed hammers

- > For wine growers, landscapers, market gardeners..., **KIRPY** offers a special **BP** and **BPE** range of stone crushers for high-clearance and vineyard tractors.
- > **BPE 50/10** and **BPE 80** designed for use on high-clearance tractors in either overhead or lateral position.
- > **BP 80** 3-point mounted for wheeled or tracked tractors...
- > Detachable frame on **BP 80** for maximum row coverage.
- > **BP 50/10** : Mobile hammers.
- > **BP80 - BPE 80** : Fixed hammers.

Wear parts list

Reference	Description
02 093 046	Replaceable hammer
01 093 029	Carbide hammer BP-BPE 80

Technical specifications //

Reference	Type	Number of hammers	Overall width - m	PTO speed rpm	Working width - m	Power HP	Weight kg
High-clearance tractors							
05 134 098	BPE 50/10	10	0,66	540	0,64	35-45	350
05 134 150	BPE 80	9	0,80	540	0,80	40-50	400
3-point hitch (with spacers)							
05 134 153	BP 80	9	0,80	540	0,80	40-50	450

All our type BP 80 stone crushers are equipped with 6 Spline 1 3/8» transmissions .



Vineyard stone windrowers

CAV 20-24

- > Adjustment of the working width, from 140 to 200 cm for the **CAV 20** and from 182 to 240 cm for the **CAV 24**, by hydraulic jack to obtain a windrow of 50 to 110 cm.
- > Further adjustment possible by dismantling for very narrow vineyards of 140cm minimum giving windrow of 50cm.



Windrow of 50 cm



windrow of 110 cm

Technical specifications //

Type	Min width (cm)	Max width (cm)	Windrow width (cm)	No. of tines	Hitch	Weight kg
CAV 20	159	217	50-90	20	3 PTS N°1	288
CAV 24	182	240	52-110	24	or 2	310



BPE 50/10 and **BPE 80** designed for high-clearance tractors in either overhead or lateral position.



KIRPY BP 80 stone crusher hitched at 3 points to a vineyard tractor



BPL-F



BPL rotor



BPL-F rotor



Vineyard stone crushers

BPL / BPL-F



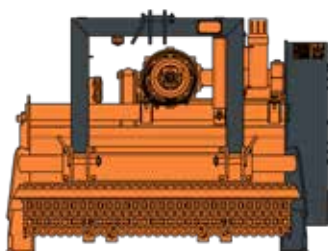
Hammers mobile - Fixed

- > Vineyard stone crushers with mobile hammers (**BPL**) or fixed hammers (**BPL-F**).
- > The **BPL** is equipped with standard mobile hammers made of treated steel or with carbide hammers.
- > The **BPL** is equipped with 3 rows of mobile hammers giving a very flexible operation and wide coverage while reducing weight to an absolute minimum. Low inertia makes the rotor easy to start. Perfect dynamic balance.
- > The **BPL / BPL-F** can be offset for working from the row edge or pulled centrally by the tractor. They are fitted with a door opened by hydraulics.
- > The **BPL-F** features a rotor with fixed hammers. Made from high-quality steels (anti-abrasion and high-tensile steel), combining lightness with robustness, reliability and safety.
- > **BPL** and **BPL-F** make it possible to work vineyard soils in the most difficult conditions (slopes, espalier vines).
- > Pulled by vineyard tractors with tyres or caterpillar tracks.
- > The synchronous belt drive avoids high tensions on the bearings.
- > The **BPL-F** is equipped as standard with carbide hammers.
- > The **BPL-F** benefits from the experience and technical innovation of BPL. The new design of its adjustable pads and fixed hammer rotor give the **BPL-F** an unrivalled crushing capacity.
- > Road sign kit : contact us.

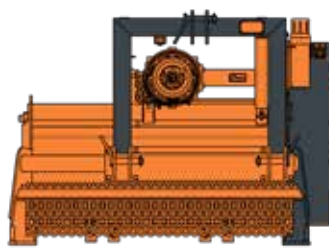
Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
07 134 001	BPL	21	1 synchronous belt	540	1,36	60	875
07 134 106	BPL-F	21	1 synchronous belt	540	1,36	60	950

all our type BPL / BPL-F crushers are equipped with 6 splines 1"3/8 transmissions.



Centred coupling



Machine offset to the right by 214 mm

Wear parts list

Reference	Description
02 093 049	Replaceable hammer, 80 x 45
01 093 015	Carbide hammer 80 x 45
01 093 029	Carbide hammer BPL-F



Stone crushers

BP - BPR
145 200/250



BPR 200

Mobile hammers

- Price equipped with replaceable hammers 80 x 45 or 80 x 60 (supplied with a free set of replaceable hammers).
- Rear door with hydraulic opening.
- Freewheel clutch housing.
- Single drive **BP 145**.
- Double belt drive with automatic belt tension **BPR series**.
- Road sign kit: contact us.

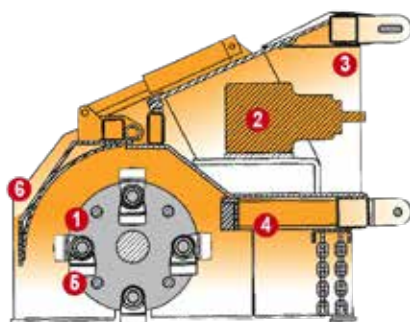
Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
Serie BP							
06 134 043	BP 145	16	1x4 - SPC 2120	1 000	1,40	80-90	1 540
Serie BPR							
07 134 127	BPR 200	24	2x3 - SPC 2240	1 000	2,00	110-120	2 250
07 134 129	BPR 250	32	2x4 - SPC 2240	1 000	2,50	130-150	3 040

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Optional equipment for new crushers

Reference	Description
03 126 185	Refining screen for BP 145
03 126 409	Refining screen for BPR 200
03 126 410	Refining screen for BPR 250
02 135 044	Automatic central lubrication kit
03 025 151	Central lubrication support



Wear parts list

Reference	Type
02 093 049	Replaceable hammer, 80 x 45
02 008 165	Hammer washer, 80 x 45
02 093 059	Replaceable hammer, 80 x 60
01 093 015	Carbide hammer 80 x 45
01 093 014	Carbide hammer 80 x 60
01 126 216	Grease cartridge

- 1 Rotor**
- 2 Transmission**
- 3 Hitch**
- 4 Anvil**
- 5 Hammers**
- 6 Hydraulic expansion flap**



10 www.kirpy.com // + 33 (0) 5 53 87 00 02

KIRPY Since 1972
The stone removal specialist



BPB 200



Stone crushers

BPB 200/250

Fixed hammers

- > Freewheel clutch housing.
- > The tractor should be equipped with 2 dual-action hydraulic PTOs, one for the rear door and the other for adjusting the anvil.
- > Rear door with hydraulic opening.
- > Road sign kit: contact us.

Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
07 134 012	BPB 200	8	2x6 - XPB	1 000	1,80	100 - 120	2.350
07 134 013	BPB 250	12	2x6 - XPB	1 000	2,44	130 - 140	3.250

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Key features of the KIRPY BPB

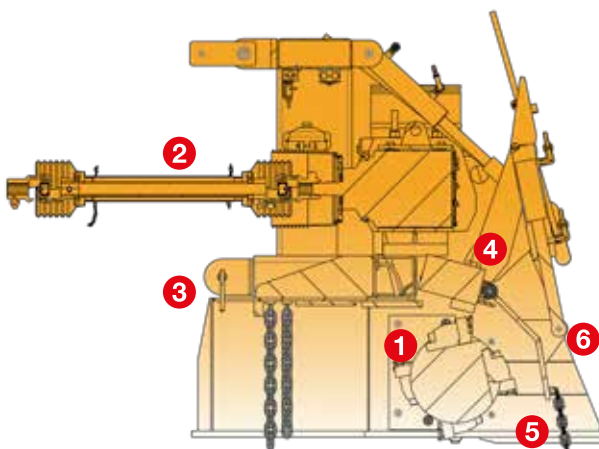
- > Dual notched belt drive.
- > Sealed bearings (labyrinths).
- > Solid rotor that can be fitted with replaceable or carbide hammers.
- > Hydraulically adjustable anvil with hydropneumatic safety system.
- > Welded steel casing.
- > Hardox plating.

Wear parts list

Reference	Description
02 025 104	Hammer support BPB M20
02 093 016	Replaceable hammer 80x60 BPB M20
01 093 017	Carbide hammer BPB
01 127 111	CHC screw M20 x 100 BPB
02 027 012	Detachable anvil
01 127 335	Anvil screw
01 126 216	Grease cartridge
01 127 849	Hammer support screw, Ø 33
01 127 674	Locknut support Ø 33

Optional equipment for new crushers

Reference	Designation
02 135 044	Automatic central lubrication kit



Carbide hammer



Rotor, BPB: Steel hammer

- 1 Rotor
- 2 Transmission
- 3 Hitch

- 4 Anvil
- 5 Hammers
- 6 Hydraulic expansion flap



Stone crushers

BPN

200-250-300

Fixed hammers

- Standard carbide hammers.
- Rear door with hydraulic opening.
- Freewheel clutch housing.
- Dual drive. (**BPN 250** and **300**)
- Optional branch guard
- BPN 200: 540 or 1000 rpm gearbox.



BPN 300

Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight Kg
07 134 137	BPN 200	22	1x6 - XPB	540 - 1 000	2,00	90 - 110	1900
07 134 093	BPN 250	34	2x6 - XPB	1 000	2,50	110 - 130	2600
07 134 109	BPN 300	42	2x6 - XPB	1 000	3,00	150 - 220	3120

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

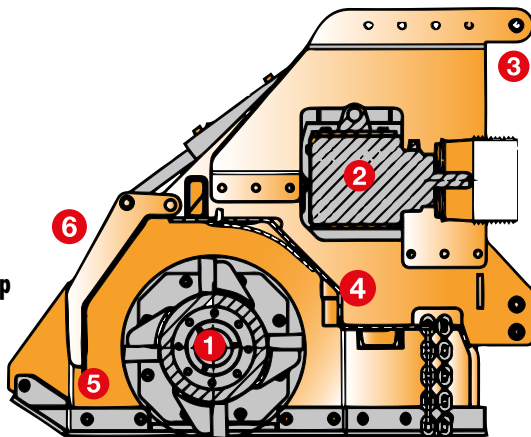
Optional equipment for new crushers

Reference	Description
02 135 044	Automatic central lubrication kit
04 109 112	Branch guard BPN 250
04 109 114	Branch guard BPN 300
02 135 054	BPN road sign option kit

Wear parts list

Reference	Type
01 093 021	Carbide hammer BPN
01 126 216	Grease cartridge

- 1 Rotor
- 2 Transmission
- 3 Hitch
- 4 Anvil
- 5 Hammers
- 6 Hydraulic expansion flap



BPN 200



Key features of the BPN

- Carbide hammers, stones and forest brush.
- Helical rotor: low power demand.
- Hydraulic rear door
- Interchangeable interior casing.
- Very high quality steel and components.
- Low operating costs.
- Optional equipment: Branch guard and automatic central lubrication system.
- Interchangeable pads.



BKF 250



Forestry crusher

BKF

250

Fixed hammers

- > Freewheel clutch housing
- > Dual drive
- > Standard carbide hammers
- > Standard branch guard, level zero

Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Rotor Speed rpm	Working width - m	Power HP	Weight Kg
07 134 094	BKF 250	38	2 x 6 XPB	1 000	1 700	2,50	160 - 220	2 700

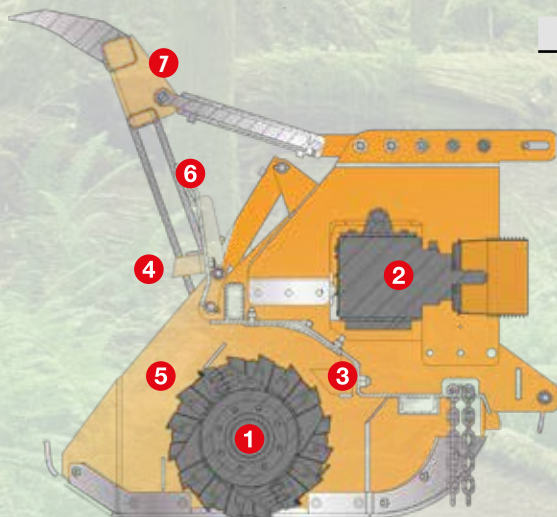
All the crushers come equipped with a transmission (specify the size and number of tractor side splines)

Optional equipment for new crusher

Reference	Description
02 135 044	Automatic central lubrication kit
02 135 054	BKF road sign option kit

Tarif pièces d'usure

Reference	Type
01 093 022	Carbide hammer
03 027 102	Anvil / comb
03 027 105	Refining comb
01 126 216	Grease cartridge



- 1 Rotor
- 2 Transmission
- 3 Anvil comb
- 4 Refining comb
- 5 Hammers
- 6 Expansion flap
- 7 Reel

Key features of the BKF

- > Fully retractable rear door for direct rotor attack.
- > Interchangeable crushing combs.
- > Interchangeable rotor axles.
- > Removable body armour.
- > Optional automatic central lubrication.
- > Rotor fitted with 38 carbide hammers.
- > Comb on the door for finer grinding.





Stone crushers

BPS

200/250/300



Fixed hammers

- Freewheel clutch housing and rear deflector pads.
- The tractor should be equipped with two double-action hydraulic couplings, one for the rear door and the other for adjusting the anvil.
- Automatic central lubrication system on **BPS 250** and **BPS 300** as standard.
- Standard trough protection plates.



BPS 250/4

Technical specifications //

Reference	Type	Number of hammers	Number of belts	Working width - m	Power HP	Weight Kg
07 134 151	BPS 200	24	2 x 4	2,00	150-160	3060
07 134 149	BPS 250	32	2 x 5	2,50	200-250	4200
07 134 112	BPS 300	40	2 x 5	3,00	250-300	5250

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Note: Crushers BPS 200, BPS 250 and BPS 300 come equipped with 6 or 20 Spline 1 3/4» transmissions.

(The manufacturer may not be held liable for using 1 3/8» transmissions.)

Optional equipment for new crushers

Reference	Type
04 135 005	Right sunken pad kit with coupling
04 135 006	Left sunken pad kit with coupling
03 135 055	Central lubrication kit BPS 200
04 135 031	high power belt tension kit
03 135 053	BPS road sign option kit



Wear parts list

Reference	Description
02 093 057	Replaceable hammer
02 093 018	Carbide hammer EKO
02 093 063	Carbide hammer HD
02 093 013	Carbide hammer HD-TP
01 126 216	Grease cartridge
01 027 079	Trough protection plate
03 135 049	Kit wear heels (the pair with bolts)

1 Rotor

2 Transmission

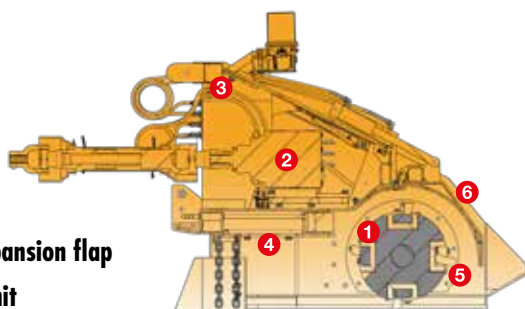
3 Hitch

4 Anvil

5 Hammers

6 Hydraulic expansion flap

7 Lubrication unit



Key features of the KIRPY BPS

- Low-cost fixed hardened steel hammers or carbide hammers for heavy duty work (3 types).
- Reinforced, large diameter rotor for excellent depth and throughput.
- Hydraulically adjustable anvil for selecting particle size.
- Dual rotor drive and automatic belt tension (**BPS 200-250**).
- Hydraulic expansion flap.
- Interchangeable pads for deeper tasks.
- Low operating costs.
- Automatic central lubrication system (**BPS 250/3**).
- Fully interchangeable interior casing made from special steel.
- Working depth: 20/25 cm.



14 www.kirpy.com // + 33 (0) 5 53 87 00 02

KIRPY Since 1972
The stone removal specialist



BSC 250



Stone crushers

BSC

250/300



Fixed hammers

- Standard carbide hammers.
- Freewheel clutch housing.
- Standard road sign kit.
- The tractor should be equipped with three double-action hydraulic couplings. Two for the door (two elements), one for the anvil.
- Automatic centralised lubrication system as standard.
- 300-600 hp tractor.
- Hydraulic adjustable anvil.
- 0-20 to 0-100 crushing.
- Recycling materials / Roads / Platforms/ Pipelines, etc.

Technical specifications //

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Weight Kg
07 134 052	BSC 250	32	2 Synchronous	2,50	350	5600
07 134 046	BSC 300	40	2 Synchronous	3,00	400	6500

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Note: Crushers BPS 200, BPS 250 and BPS 300 come equipped with 6 or 20 Spline 1 3/4» transmissions.

(The manufacturer may not be held liable for using 1 3/8» transmissions.)

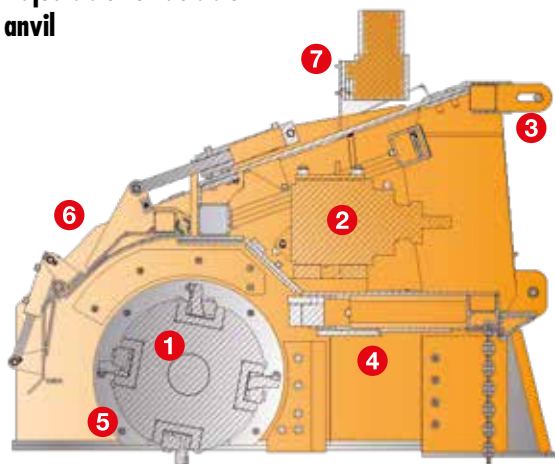
Wear parts list

Reference	Description
02 093 018	Carbide hammer EKO
02 093 063	Carbide hammer HD
02 093 013	Carbide hammer HD-TP
01 126 216	Grease cartridge
01 027 079	Trough protection plate

Key features of the KIRPY BSC : High-Tech technology

- Dual synchronous belt drive.
- Torque limiter on rotor pulleys.
- 500 mm entry height.
- Rotor width = 2 or 2.5 meters.
- Crushing capacity between 300 and 500 m3/hour.
- Fully interchangeable body interior.
- Interchangeable hydraulic anvil.
- Rear door with hydraulic opening.
- Gearbox free wheel clutch.
- Centralised lubrication with oil recuperator.
- 3 types of carbide hammers for responding to various types of locations.

- ➊ Rotor
- ➋ Transmission
- ➌ Hitch
- ➍ Adjustable retractable anvil
- ➎ Carbide hammers
- ➏ Hydraulic expansion flap
- ➐ Lubrication unit





Stone removers

NS-TP

- > Public works tips: better penetration.
- > Deep digging (50 cm).
- > Reinforced chassis.
- > 5-leaf spring as standard.
- > Tines made from special forged steel.

Optional equipment

Reference	Description
01 030 004	Tip NS-TP 2013
01 035 118	Axle
01 015 003	Retaining clips
01 104 075	Beam protector 2013
01 127 051	Retaining screw
01 127 747	Fixation locknut

Technical specifications //

Reference	Type	No. of tines	Clearance cm	Chassis width - m	Working width - m	Power HP	Weight Kg
05 134 041	NS 25-7 TP	7	68	2,50	2,50	180	1 000
05 134 092	NS 30-9 TP	9	68	3,00	3,00	220	1 250



Public works subsoiler / Ripper

SG



Optional equipment

Type

Additional cost per pivoting tine

Technical specifications //

Reference	Type	No. of tines	Thickness of tines - mm	Working depth - cm	Working width - m	Power HP	Weight Kg
SG 270 TP	RIPPER TP-2	2	70	90	1,8 to 2,5	250-300	2150
SG 370 TP	RIPPER TP-3	3	70	90	2,5	350-450	2300

When ordering specify chassis width - 1.80 to 2.50 m. Road sign kit: contact us



Levelling blade

LN 252



NS 25-7 TP

Wear parts list

Reference	Description
04 135 115	Iron running gear
04 133 072	Full shanks, NS-TP
03 135 056	NS 25TP road sign kit
03 135 057	Road sign kit NS 30TP



- > Hydraulic offset/tilt rotation.
- > Manual 180° pivot for pushing or pulling work.
- > 400 x 200 depth control wheels.
- > Standard side deflectors

Technical specifications //

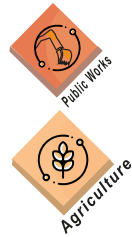
Reference	Type	Working width - m	Weight Kg
07 134 152	LN 252	2,5	1 200

Optional equipment

Reference	Type
04 135 051	Arm extensions, 25 cm. /unit
04 135 052	Road sign option kit



RDL 15-25



Stone picker

RDL 15-25

- Delivered complete with 6 spline 1 3/8" cardan.
- Standard road signage.
- Road certification

Technical specifications //

Reference	Type	Working width	Working depth	Discharge height	Collection capacity	Tractor power	Oil intake	Weight kg
08 134 059	RDL 15-25	2,40 m	0 - 15 cm	3,2 m	120 - 200 tonne/h	100 Hp	1 dual-action + 1 single-action	5 100 Kg



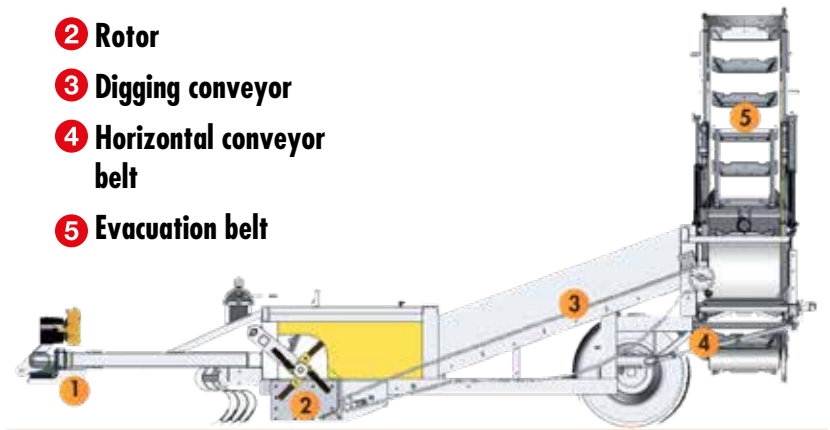
Optional equipment

Reference	Description
03 135 035	Low pressure wheel kit 500/50 - 22.5 Ø 1,070 mm
03 135 034	Wear protection kit
04 135 036	Counterweight - 400 kg

Wear parts list

Reference	Description
01 126 085	Main bar conveyor
01 126 084	Naked elevator belt
01 006 044	Rubber Pallet
01 126 083	Rear transverse conveyor
01 104 091	Conveyor bottom deflector

- 1 Hitch
- 2 Rotor
- 3 Digging conveyor
- 4 Horizontal conveyor belt
- 5 Evacuation belt



Key features of the RDL 15-25

- Working width - 2.4 m
- Wide digging conveyor with 12mm diameter bars spaced to 24mm, equipped with rock traps.
- Maximum unloading safety with:
 - Horizontal rubber quarry mat,
 - Rubber conveyor equipped with cleats, 10 cm high and spaced 42 cm apart. Driven by an independent hydraulic unit.
- Drive by an independent hydraulic unit.
- Floating feeder rotor equipped with a breaking cylinder.
- Loading capacity from 120 to 200 t/h.
- Discharge up to 3.2 meters high.
- Maximum optimisation of jamming zones.
- Exceptional pick-up and overall performance.



Stone windrower

AN 32

Mechanical drive

- > Wheel adjustment with cranks.
- > Reinforced construction.
- > New tine layout for finer pick-up.
- > Strengthened transmission.
- > All prices include 1 3/8" 6 spline transmission, pneumatic wheels and transportation drawbar.
- > Safety with torque limiter + shear bolt.
- > Standard wheels 16.7 x 7.5 (8 ply) L: 178mm.
- > Road sign kit: contact us.



AN 32 Wide wheels

Technical specifications //

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 101	AN 32	4	96	3,00	540	840



AN 32 H



Stone windrower

AN 32-H

Hydraulic drive

- > Wheel adjustment with cranks.
- > Reinforced construction.
- > New tine layout for finer pick-up.
- > Hydraulic drive
- > Independent hydraulic unit
- > Standard oil cooler.
- > All prices include 1 3/8" 6 spline transmission, pneumatic wheels and transportation drawbar.
- > Road sign kit: contact us.

Wear parts list

Reference	Description	No. of tines
02 093 053	Flat tine	96
02 093 060	Y tine	88 per rotor + 8 flat tines

Optional equipment AN 32 and AN 32-H

Reference	Description
04 135 015	Deflector
06 135 047	Wide Wheels 24 x 13 (12 folds) L : 32

Technical specifications //

Reference	Type	Width m	No. of tines	Working with - m	Power take-off - rpm	Tank L	Weight kg
06 134 136	AN 32-H	4	96	3,00	540	110	1300



18 www.kirpy.com // + 33 (0) 5 53 87 00 02

KIRPY Since 1972
The stone removal specialist


AN 3R


Stone windrowers

AN 3R

Hydraulic drive

- Hydraulic transmission/stone windrow.
- Hydraulic drive.
- Independent hydraulic unit
- Standard oil cooler.
- Wheel adjustment with cranks.
- 6 spline 1 3/8» transmission.
- Standard deflector.
- Standard highway sign kit.

Technical specifications //

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 049	AN 3R	4	96	3,00	540	1 400

Wear parts list

Reference	Description	No. of tines
02 093 053	Flat tine	96
02 093 060	Y tine	88 per rotor + 8 flat tines

The AN 3R and AN 5R possess a hydraulic transmission and can move from the longitudinal transport position to the working position in just few seconds without getting off the tractor.



Stone windrowers

AN 5R

Hydraulic drive

- Hydraulic work/placing for transport .
- Hydraulic drive.
- Independent hydraulic unit
- Standard oil cooler.
- Depth control wheels.
- 6 spline 1 3/8» transmission.
- Standard deflector.
- Standard highway sign kit.

Wear parts list

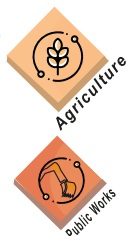
Reference	Description	No. of tines
02 093 053	Flat tine	136
02 093 060	Y tine	136 per rotor + 16 flat tines

AN 5R :

Transport position: semi-mounted // Work position : semi-mounted

Technical specifications //

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 053	AN 5R	5	136	4,50	540	2 500



Non-stop heavy cultivators

NS

25/30/35/50

Extremely robust devices designed for:

- Deep scarification (50 cm).
- Replacing ploughing.
- Preparing rocky soils before aligning, crushing, picking up.
- Raising stones to the surface to facilitate crushing.
- Forged shanks with special steel.
- NS 50 - 17: Hydraulic crumbling rollers and road signage as standard.



NS 50 - 17 harrow

Technical specifications //

Reference	Type	No. of tines	longitudinal - cm	Transversal - cm	Clearance under shank - cm	Chassis width - m	Weight Kg
05 134 033	NS 25-5	5		56			760
05 134 034	NS 25-7	7	127	36	68	2,50	950
05 134 035	NS 25-9	9		28			1 140
05 134 036	NS 30-7	7		46			990
05 134 037	NS 30-9	9	127	35	68	3,00	1 180
05 134 038	NS 30-11	11		26			1 370
05 134 039	NS 35-9	9		40			1 310
05 134 040	NS 35-11	11	127	32	68	3,50	1 500
06 134 065	NS 50-17	17	127	33	68	5,00 (Foldable*)	4 100

* hydraulic folding

Wear parts list

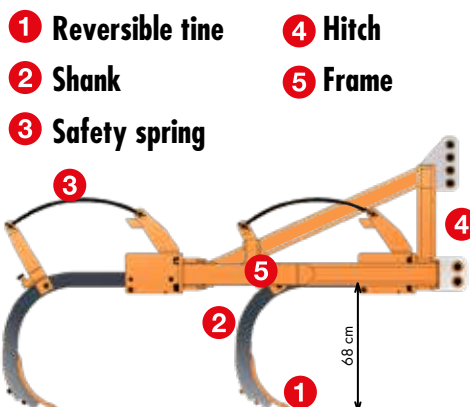
Reference	Description
01 093 032	Reversible forged tine
01 093 002	Reversible reinforced forged tine 70x30
03 093 035	Duckfoot point
02 127 833	Special bolt, 16 x 87
02 127 834	Special bolt, 16 x 115
01 069 080	Collar flange
01 127 749	Brake/collar locknut



Optional equipment

Reference	Description
Optional equipment: Crumbling roller (P. 21)	
03 122 019	Optional 5 leaf spring (per tine)
04 133 018	Full supplemental shank (tine + fasteners)
04 135 115	Iron running gear
05 135 028	Harrow kit NS 50
05 135 037	Depth control wheels NS 50
03 135 056	Road sign kit NS 25 *
03 135 057	Road sign kit NS 30/35 *

* NS road sign kit without roller option.





Moroccan tine chisel ploughs

DM 50-17

- > Ploughing.
- > Forged shanks with special steel.
- > 50 cm working depth.
- > Clumping rollers as standard.
- > Standard road signs.
- > NS type reinforced chassis.

Technical specifications //

Reference	Type	No. of tines	Longitudinal - cm	Transversal - cm	Clearance under shank - cm	Chassis width - m	Weight Kg
06 134 084	DM 50-17	17	127	33	75	5,00 (Foldable*)	3715

* hydraulic folding

Wear parts list

Reference	Description
02 093 006	Reversible Moroccan tines
02 018 134	Safety bolt
02 127 716	Special bolt, 14 x 90
02 127 717	Special bolt, 14 x 130
01 069 080	Collar flange
01 127 749	Brake/collar locknut

Equipements en option

Reference	Description
Optional equipment: Crumbling roller (P. 21)	
04 133 028	Full supplemental shank (tine + fasteners)
05 135 037	Iron running gear



Crumbling rollers

RE 25/30/35

- > Flat iron clod breaking roller.
- > No transverse axle = no jamming.
- > Wide diameter (Ø 60).

Optional equipment

Reference	Description
03 135 014	Hydraulic option on RE 25 or 30
04 135 059	Road sign kit NS 25 + RE 25
04 135 058	Road sign kit NS 30/35 + RE 30/35

Technical specifications //

Reference	Type	Hoe diameter - cm	Hoe dimensions - m	Adaptable on
06 135 001	RE 25	60	2,50	NS 25
06 135 002	RE 30	60	3,00	NS 30
06 135 032	RE 35	60	3,50	NS 35

The RE 35 comes equipped with standard hydraulic lifting.

The NS 50 and DM 50 are equipped with hydraulically adjustable crumbling rollers as standard.



Tobacco harvester

RMTD

The harvester comes fully equipped with :

- > 3-point hydraulic jack transmission.
- > Circular saws for cutting and notching.
- > Alternate cutting saw + special wrench.
- > For harvesting Burley or brown tobacco.



Optional equipment

Reference	Description
04 135 207.....	Plate on picking arm

Technical specifications //

Reference	Type		
07 134 010.....	RMTD 03	Total working width	m 3,85
		Width at shipping	m 2,50
		Total weight.....	kg 960
		Power take-off.....	rpm 540
		Tractor power	HP 40-50
		Drive	Hydraulic



Complete asparagus harvester

RGA

The RGA makes it possible to :

- > Cut stalks at a distance of 6 to 8 cm above the pick-up bracket.
- > Send asparagus to a sieve to filter out soil from the crop.
- > Bring the asparagus to an adjustable speed sorting belt.
- > Sort after harvesting.
- > Store after harvesting.
- > The remaining stalk is aired out and cleaned for a faster recovery and higher quality.
- > Road certification.



Technical specifications //

Reference	Type	Length m	Width m	Hydraulic capacity - litre	Harvesting capacity	Weight Kg
08 134 047.....	RGA	8,80	2,50	2 x 200.....	2 hectares/day.....	3 500



GRENIER FRANCO

MADE IN FRANCE



Public Works



Vine



Forest



Agriculture



Arboriculture

+33 (0)4 75 03 12 43
standard@grenier-franco.com

www.grenier-franco.com





Vine lifters GMV

- > Inclined and splayed legs to save tractor power and remove any risk of jamming.
- > All parts subject to wear (V-type plough blades, cutting point and vertical blades) are interchangeable.
- > Adjustable lifting bars. Mechanically welded beam frame and legs with large cross-section capable of withstanding the toughest strains.



GMV MIDI + Bi-ROTOR

Technical specifications //

Reference	Power HP	Throughput L/Min	Weight Kg
GMV «Champenoise» mechanical offset without rotor.....	90		500
GMV «Champenoise» mechanical offset with rotor	110	60	670
GMV «Champenoise» 450 mm hydraulic offset without rotor	90		700
GMV «Champenoise» 450 mm hydraulic offset with rotor	110	60	870
GMV «MIDI» without rotor.....	100		750
GMV «MIDI» with rotor	120	60	1 100
GMV «MIDI» Bi-Rotors	140	120	1 900
GMV «LOURDE» with rotor	180	80	1 750
GMV «MAXI» with rotor	200	80	1 940



**GMV Champenoise
equipped with rear chain and hydraulic offset**

Rotor

- > The stumps are completely extracted including all roots, even if extremely long.
- > Roots are shaken to remove all earth.
- > The rotor further flattens out the ground.

Regulating wheels

- > Provide operator comfort, making it no longer necessary to adjust the working depth and the height of the rotor.

Accessories

Reference
Special rear chain (only without rotor)
“MIDI” GMV additional hydraulic pump
“CHAMP” GMV additional hydraulic pump
Adjustment wheels for GMV

Additional hydraulic unit required

- > If the tractor is not equipped with a variable flow hydraulic pump.
- > To supply a 2nd rotor.
- > To keep the tractor - machine hydraulic systems separated.



Rake for collecting vine
rootstocks

AMS - MA GD - FS



Front Rake/Claw Option

Front rake

- > Allows vine stumps to be placed in piles or vine stumps.
- > Easily interchangeable wear parts.
- > On models AMS and MA, 3rd point set back in relation to the tines enabling the rack to be raised higher.



GD 2400

Technical specifications //

Reference	No. of tines	Tines section mm	Centre-to-centre distance tines mm	Tine height mm	Weight Kg
GD 1800	7	30	295	1 750	730
GD 2400	9	30	295	1 750	910
MA 2450	8	20 upper/30 lower	340	1 500	1 100
MA 2450 + Pince	8	20 upper/30 lower	340	1 500	1 500
AMS 2550	9	40	310	1 750	1 700
AMS 2550 + Pince	9	40	310	1 750	2 230



FS 4550 rear rake

Rear rake

- > It is no longer necessary to gather the small roots that escaped the front rake.
- > Hydraulic folding rake.

Accessories

Reference
Point + Key + Bloc 18 TL0D for GD
Point + Axle + Spring for MA / AMS
Reversible coulter for FS

Technical specifications //

Reference	No. of tines	Tines section mm	Centre-to-centre distance tines mm	Tine height mm	Weight Kg
FS 4550	17	35	300	600	1 400



Single-furrow Ploughs

Single-Furrow Ploughs

Quarter turn

Optional equipment

Type
Hydraulic turnover adaptation on older furrows
Safety adaptable to 3 bis models
Safety adaptable to models 4, 5 and 6
Offset beams (narrow tractors) for models 3 bis to 5
Winged coulters for furrows 3 bis to 5
Winged coulters for furrow No. 6
Breast ploughs for furrows Nos. 4 and 5
Breast ploughs for furrow no. 6



KT No. 5 SAFETY OPTION

Technical specifications //

Number	Spindle diameter - mm	Clearance under shanks - cm	Working depth - cm	Power Hp	Weight Kg
4	70	67	30 to 50	45-55	440
5	70	72	35 to 55	55-65	490
6	80	77	35 to 60	65-75	650
Monosoc N°5		72	35 to 55	55-65	400



KT N° 12 DI



Ripper Ploughs

Ripper Ploughs

«Quarter turn»

> Shear bolt safety device - Hydraulic turnover.

Technical specifications //

Number	Power HP	Spindle diameter - mm	Clearance under shanks - cm	Equipment	Working width to - cm	Weight Kg
7	75-80	90	80	35 bar body	45	800
8	80-90	90	84	40 bar body	48	860
8 BIS	90-110	105	84	40 bar body	48	1 000
9	100-130	105	90	45 bar body	50	1 200
10	140-175	120	96	Public works point	50	1 520
11	180-250	120	106	Public works point	50	1 630
12	220-350	140	106	Public works point	50	2 100

Accessories

Type	Type
Winged coulters	
High-capacity skimmer	
Water intake connections	Public works point No 10 on furrow No. 9.
Long frame (for simultaneous CD ZGC assembly)	Dual-function selector for tractor without 4 dual-action distributors
Front end no. 10 on furrow no. 9	



SUBSOILER N° 3



Vine



Agriculture



Arboriculture

Subsoilers

Subsoilers

single-body

Optional equipment

Type	Weight Kg
Drainage Ball*	
Normal mouldboard furrow ploughs	57

* Available in Ø 80 - 90 or 105



Technical specifications //

Reference	Body thickness	Clearance cm	Power HP	Weight Kg
N°2	20	65	30-40	125
N°3	25	75	40-55	200
N°3 Bis	30	75	60-80	270
N°4	30	85	80-100	330
N°5	35	92	100-160	460
Forest	70	65	80-130	450



SG350110



Vine



Agriculture



Arboriculture

Subsoilers

Subsoilers

multi-body

- > Offset on beam, three point coupling.
- > When ordering, give the desired beam width which is equal to the tractor width (max 2.5m).

Optional equipment

Type
Additional cost per pivoting tine starting with the SG 250110
Coupling with crawler tractor

Technical specifications //

Number of bodies	Reference	Body thickness mm	Clearance under beam cm	Working depth cm	Tractor power HP	Weight Kg
Light series						
2	SG 22050	20	50	35	20-30	150
2	SG 22560	25	60	45	35-50	220
3	SG 32560	25	60	45	50-65	290
Medium series						
2	SG 22566	25	66	50	55-70	320
3	SG 32566	25	66	50	70-85	430
Heavy series						
2	SG 230740	30	74	57	70-90	500
3	SG 330740	30	74	57	90-110	640
2	SG 235820	35	82	65	90-120	620
3	SG 335820	35	82	65	120-180	800
2	SG 250110	50	110	90	180-250	1 200
3	SG 350110	50	110	90	180-250	1 400
2	SG 270110	70	110	90	250-300	1 600
3	SG 370110	70	110	90	250-300	1 800
2	SG 270 TP	70	110	90	260-300	2 150
3	SG 370 TP	70	110	90	350-450	2 300



Cultivators

Fertiliser placement subsoilers

- > Adaptable to Kuhn fertilizer distributors.
- > Max. centre-to-centre distance between tines 1.20 m.
- > Clearance under beam 0.46 m.

Technical specifications //

Model	Weight Kg
1 Row	140
2 Row	180



Fertilizer placement subsoiler



Subsoiler

Michel shanks

- > Optimal subsoiling.
- > Category 2 hands as standard.



Technical specifications //

Reference	Width in m	Weight Kg
SSD Michel	1 or 1,30	150
Rear roller	Depending on the width of the tool	90
Dual hitch		75
Pair of Michel shank	Width to be specified	22
Two Michel shanks with flange		60



SSD Michel - Roller



SSD Michel - Dual hitch



8-tine straddler



Cultivators

Lavender Straddler

> Bellota type spring teeth option.

Technical specifications //

		Tines 25	Tines 30	Tines spring
Type		Weight Kg	Weight Kg	Weight Kg
1 Rank	8 tines, width 1.40 m / 2.20 m	250	396	479
	10 tines, width 1.40 m / 2.60 m	290	585	553
	12 tines, width 1.40 m / 3.00 m	340	692	696
	Set of centre extensions (3 tines)	48	95	
3 foldable Ranks	20 tines entraxe ranks 1m90	1009	1127	



Vine



Agriculture



Arboriculture

Retractable cultivators

ESF/LOC/EC

Reinforced model	Double coil spring 25 x 25, with 80 x 80 tube frames	Ref. ESF
Heavy model	Double coil spring 30 x 30, with 90 x 90 tube frames	Ref. LOC
Budget model	Double coil spring 25 x 25, with 60 x 60 tube frames	Ref. EC



13 LOC 2R

Technical specifications //

2 Rows of tines				3 Rows of tines			
No. of tines	Ref.	Weight Kg	Running widths	No. of tines	Ref.	Approx. weight	
11 ESF 2 R		260	1700/2000	11 ESF 3 RL		300	
13 ESF 2 R		310	1700/2400	13 ESF 3 RL		350	
15 ESF 2 R		360	2100/2800	15 ESF 3 RL		410	
9 LOC 2 R		340	1350/1800	9 LOC 3 RL		385	
11 LOC 2 R		400	1800/2200	11 LOC 3 RL		450	
13 LOC 2 R		470	2200/2600	13 LOC 3 RL		525	
5 EC 2R		110	850				
7 EC 2R		130	1300				
9 EC 2R		145	1600				
11 EC 2R		172	2100				

Accessories

Pair of EC extensions

Coupling with crawler tractor



Vine cultivators



VME

Reinforced expandable cultivators

- Soil preparation.
- Wide choice of coulters.
- Reinforced construction.

Technical specifications //

Working width - m			
Type	Rod position 1	Rod position 2	Weight Kg
9 tines of 30	1,28/1,90	1,40/1,96	500
11 tines of 30	1,70/2,33	1,84/2,40	550



VME 9 teeth + roller Ø 460



Vine cultivators

Expandable V cultivators

- Soil preparation.
- For all planting widths.



9 DTS 30 + RL

Optional Cultivators equipment

Cultivator options

Hydraulic spreader

Pair of roller feelers Ø250 with flange

Pair of extendable rear bar supports

Dual effect hydraulic lifting

Ø 330 Rear roller
1.20 m / 1.40 m / 1.60 m (overall width)

Roller Ø 460 multi settings
1.20 m / 1.40 m / 1.60 m (overall width)

Drag bar

25 tines offset instead of the 30 tines

Pair of Ø460 notched discs
with support

Pair of undervine cultivators with extensions

10th and 11th tine with extension

Technical specifications //

No. of tine	Mechanical extension	Hydraulic extension	weight Kg
5 of 25 mm	X	0m65 to 0m90	274
7 of 25 mm	0m80 to 1m40	0m80 to 1m35	210
9 of 25 mm	1m25 to 1m90	1m25 to 1m90	270
11 of 25 mm	1m55 to 2m30	1m55 to 2m35	320
9 of 30 mm	1m15 to 2m15	1m15 to 1m75	310
11 of 30 mm	1m45 to 2m45	1m40 to 2m00	380

Parts adaptable to the entire V, VME, NRB, ESF, LOC and EC ranges



REVERSIBLE
COULTER



WINGED-BLADE
COULTER



TRIANGULAR
COULTER



RIDGER WINGED
PLOUGH



CURECEPS

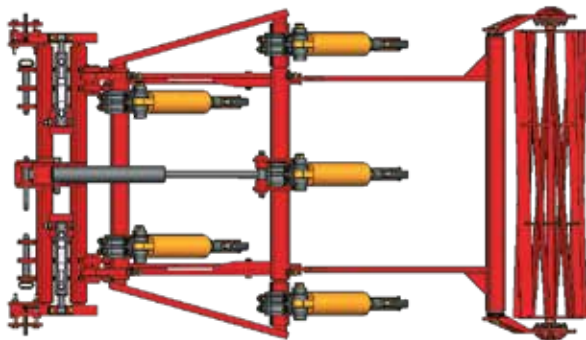




Organic farming cultivators

NRB

- Makes it possible to alternate between working : solely at the base of plants in grassed in rows, or over all rows without grass cover.
- Hydraulic spacing of inter-stock supports as standard.
- Adaptation plate for specific inter-stock (please consult us).
- Hydraulic front end spread: cylinder stroke 200mm as standard, 300mm stroke available on request.
- Mechanical safety of the tine with spring.



Optimal equipment

Type

Hydraulic frame spreader

Vineyard Beam + Clamping plate
(pair of clamping plates with beam under the frame)

Technical specifications //

Viticulture Model	Weight Kg	Vines	Forecarriage	C300 Cylinder option
3 NRB 2R	465	1m30 to 1m70	1m00 to 1m40	No
5 NRB 2R Étroit	585	1m60 to 2m00	1m00 to 1m40	No
5 NRB 2R	600	1m70 to 2m20	1m20 to 1m60	Yes
7 NRB 2R	680	1m80 to 2m10	1m20 to 1m60	Yes
7 NRB 2R Large	780	1m90 to 2m50	1m60 to 2m00	Yes



Organic farming cultivators

DB

- Fixed frame
- Mechanical safety of the tine with spring.

Technical specifications //

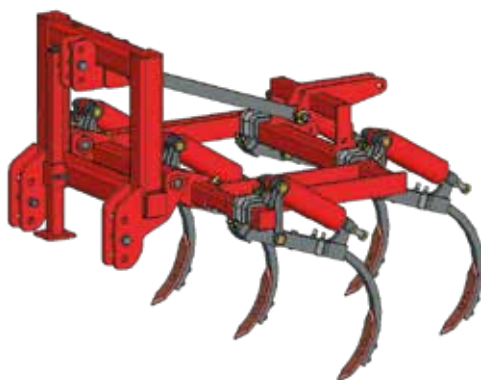
Type	Vines	Overall width	weight Kg
5DB2R	1m70 to 2m00	1m45 to 1m70	465
7DB2R	2m to 2m30	1m70 to 2m00	570

Optimal equipment

Type

Hydraulic lift

Roller Ø 460 Multi settings





Rotary weeder KR2-26

- > Cleaning implement for rapid weed control in the row
- > Work speed between 6 and 9 kph
- > Allows vines to be planted, removed or even left flat depending on the settings of the various tools
- > Three width chassis with hydraulic adjustments



Technical specifications //

Reference	Narrow CultiCeps KR2.26 Vines from 1m40 to 1m90	Narrow CultiCeps KR2.26 Vines from 1m70 to 2m30	Standard CultiCeps KR2.26 Vines from 1m80 to 2m50	Wide CultiCeps KR2.26 Vines from 1m80 to 3m00
Option	Weight Kg	Weight Kg	Weight Kg	Weight Kg
Single frame.....	213	210	210	270
Fitted with tiller discs	557	457	542	660
Fitted with notched discs	557	457	542	660



KR2-26 equipped with crumbling discs



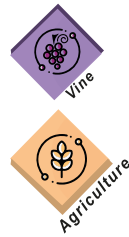
KR2-26 equipped with Ø460 notched discs

CultiCeps with complete accessories as standard //

Type
Flanges for tiller or notched elements
Blades + reversible ploughs
Gauge wheels + crutches
Or
2-discs tillers discs
Notched discs
Grenier Franco spring support Ø 540/700
Finger rollers Ø 700 red-colored

Other accessories //

Type		
3-discs tiller discs		
Grenier Franco spring support Ø 1000		
KULT support maxi Ø 700		
KULT support maxi Ø 1000		
Finger rollers	Ø540	Red
		Yellow
	Ø700	Yellow
	Ø1000	Yellow
Central anti-drift disc		
Floating hitch		



Disc cultivators

Cultidisq

- For inter-row vines from 2m20
- Discs on 2 rows to allow land strip be horizontally and vertically cut on a depth of 5 to 10cm
- Ø 510mm discs
- Standard roller Ø 350mm
- Work speed between 7 and 15 kph
- Hydraulic lifting of the frame and the roller in option.

Optional equipment

Reference
Disc with spring + flange
Guide blade
Front or rear deflector
Hydraulic roller adjustment

Technical specifications //

Reference	Width	Width work	No of discs	Weight KG
CD Fixe 12D	1m60	1m45	12	947
CD Fixe 14D	1m80	1m65	14	1055
CD Fixe 16D	2m00	1m85	16	1164
CD RH 12D	1m60	1m45	12	1010
CD RH 14D	1m80	1m65	14	1119
CD RH 16D	2m00	1m85	16	1228

RH: Hydraulic lifting of the frame





Chisels and subsoilers

MGM/ BGM

Technical specifications //

Number of tines and special features	Reference	Width m	Clearance under frame (cm)	Tractor Power HD	Weight Kg
3 single beam	MGM 3650	1,70	65	50/60	350
3 single beam	MGM 3750	1,80	75	65/75	400
5 double beam	BGM 5650	2,15	65	75/85	600
5 double beam	BGM 5750	2,40	75	90/125	740



Scarifiers - Chisels

SC

> Wide clearance rigid tines with safety bolts.

Technical specifications // Price

No. of tines	Reference	Standard widths (m)	Clearance under frame	Weight Kg
5	SC 560	1,80	60	310
7	SC 760	2	60	390
9	SC 960	2,20	60	470

SC 560 offset tines (pair)



Vertical axle agricultural crushers

EV/SA

Accessories

Reference

Friction transmission in EV model

65 box hp instead of 35 hp

Free wheel clutch adjustable once engaged

Technical specifications //

Type	Power Gearbox	Width m	Cutting assembly	Weight Kg
EV1002	35	1,00	2 Blades	150
EV1302	35	1,30	2 Blades	200
EV1502	65	1,50	2 Blades	250
SA1200	65	1,20	2 Blades	200
SA1600	65	1,60	2 Blades	290
SA1800	80	1,80	2 Blades	360



Pallet lifter



Pallet lifter

Technical specifications //

Model	Weight Kg
CMU : 700 kg Internal width : 515 - Ext. width : 710 - Length : 1000	70

Animal-drawn plough



Technical specifications //

	Adjustment interval
Swan collar made with hard steel	
Wheel height adjustment	9 X 25 mm
Chain angle adjustment	6 X 20°
Tip advancement according to the wear	
Handgrip height adjustment	560 A 970 mm
Grip angle adjustment	

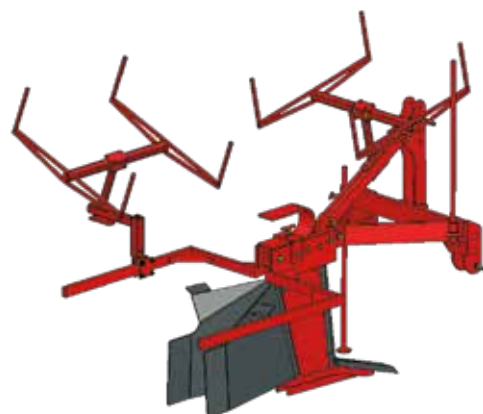
Subsoilers

Fruit tree planters

- > Reduced arduousness.
- > High yield: 400 vines per hour.
- > Respect for young plants.
- > Simple but robust.

Technical specifications //

Model
PVR 450 with adjustment wheels, skimmers, feeler, audible indicator
Subsoiler No. 3 with planting apparatus, rear skimmers
Subsoiler No. 2 with planting apparatus



"Pruning" forks



"Pruning wood" fork

Technical specifications //

Model	Weight Kg
6-tine peach harvesters, width 1.75 m.....	190
6-tine pear harvesters, width 1.30.m.....	175
7-tine pear harvesters, width 1.75.m.....	205
2-tine lateral extensions, per set	50
Single section 50 tine - width 1.70 m.....	15



Vertical axle forest brush cutters

SD/JM/SDC/ BRC/LF/BTP/JMB

- > The Grenier Franco forest brush cutters are simple, rugged and designed specifically for heavy ground-clearance work.
- > They can be used to maintain trails such as forest roads, electrical power lines, partitioning, prairies, etc.
- > Free-wheel clutch as standard on 200 HP box.



Type of cuts



Technical specifications //

Type	Power HP	Width m	Cutting assembly	Weight Kg
SD 1800	200	1m80	6 Blades	1 000
SD 2000	200	2m	6 Blades	1 200
JM 1200	35	1m20	3 chains Ø16	8 links 300
JM 1500	65	1m50		11 links 400
JM 1600	80	1m60		12 links 500
JM 1800	100	1m80		12 links 600
JM 2000	150	2m		15 links 780
JM 2200	150	2m20		15 links 950
SDC 1500	100	1m50	3 chains Ø22	7 links 700
SDC 1600	150	1m60		9 links 800
SDC 1800	150	1m80		9 links 1 000
SDC 2000	200	2m		9 links 1 200
SDC 2200	200	2m20		7 links 1 400
SDC 2400	200	2m40		9 links 1 600
BRC 2400	150	2m45	2 x 3 Ø22 chains (7 links)	1 500
JMB 2800	130	2m85	2 x 3 Ø16 chains (11 links)	1 200
BTP 2400	200	2m40	3 Ø26 chains (7 links)	2 350



Vertical axle forest brush cutters

LF

- The inclined-blade type cutting assembly offers better retraction in a horizontal and vertical plane.
- The raised cutting platform of the LF considerably reduces vegetation/ground friction and guarantees increased power and better control over the wear of cutting components.
- The inclined design of the structure on the coupling side significantly reduces projections and offers enhanced crushing quality.

Technical specifications //

Type	Power HP	Width m	Anti-projection rear door	Cutting assembly	Weight Kg
LF 2000	200	2	Serie	3 inclined blades	1 800

Technical specifications // Cutting assembly

Type	Cutting assembly	Body thickness	Material
SD 1800	Blade		
SD 2000	Blade	15mm	HB 4000
LF 2000	Inclined blades		
JM 1200		8 links	10mm
JM 1500		12 links	10mm
JM 1600	Chains	12 links	12mm
JM 1800	Ø16	12 links	12mm
JM 2000		15 links	12mm
JM 2200		15 links	12mm
SDC 1500		7 links	
SDC 1600		9 links	
SDC 1800	Chains	9 links	15mm
SDC 2000	Ø22	9 links	15mm
SDC 2200		7 links	
SDC 2400		9 links	
BRC 2400	Ø22 chains	7 links	15mm
JMB 2800	Ø16 chains	11 links	12mm
BTP 2400	Ø26 chains	7 links	20mm

Accessories

Reference
Free wheel incorporated into transmission
Grass blade kit for model SDC
Grass blade kit for model JM
Chain kit for models SD 1800 and 2000

* Tractor power take-off (PTO) to be specified.



BRC 2400 ANTI-PROJECTION
DOOR OPTION



SDC DOOR CLOSED



+33 (0)4 75 03 12 43
standard@grenier-franco.com

www.kirpy.com





Forest subsoilers

Multifunction Subsoiler ®



- > The Multifunctional Subsoiler is the solution for successful planting in the face of climatic excess, soil compaction and competing vegetation.
- > It is possible to make poles, closed, worked, with hollow surface for filtering soils or with curved surfaces for hydromorphic soils.

Standard model :

- > Equipped with a vertical Subsoiler type body and a comb. The work of the comb consists in:
 - > Removing grass cover
 - > Repelling slash,
 - > Stripping the litter to depth of 4-5 cm to remove the seed bank

- > The Subsoiler type vertical body is fitted with 2 side fins.
- > The work consists in de-compacting the soil in 3 passages over an area of one square meter to a depth of 60 cm.
- > This combined work provides better rooting, faster growth and avoids recolonisation of the plot by competing vegetation during the first years of plant development.

Technical specifications //

Reference	Working depth cm	Type of digger	Comb width - cm	Weight Kg
SSM2	65	2 T 5 to 4 T	65	100
SSM5	65	5 T to 10 T	105	180
SSM 15	65	15 T to 24 T	105	443
MODUL'D	65	5 T to 10 T		152



Forest subsoilers

Modul'D

- > It possesses the same characteristics as the standard model with its Subsoiler type vertical body, while its comb is replaced by the ability to adapt 2 tools:
 - > A fork to repel slash
 - > A rasp to scalp grass cover

accessories

Description	Width	Weight kg
Fork	103	147
Rasp	105	105





Reversible scarifier

SR

- > Reversible scarifier Makes the soil receptive to natural or artificial regeneration in difficult conditions due to exposure, acidity, non-decomposed humus, compacted soil, slopes, grass cover, etc.
- > The first operation consists in setting aside all obstacles to sowing by scraping without incorporation into the soil.
- > Secondly, this soil can be combed to a depth of 40 cm.
- > The work is performed mechanically by strip or by area. The reversible scarifier can work on a sown or cluttered surface, with residual materials etc.
- > It can also be used to get rid of ferns by removing the rhizomes and brambles by combing.



Technical specifications //

Reference	Working depth - cm	Working width - cm	Type of digger	Weight Kg
SR 2	40	72	2 T 5 to 4 T	110
SR 5	50	114	5 T to 6 T	192
SR 7	61	117	7 T to 9 T	320



Pickaxe harrow

PH

- > Used to decompact soil on the surface at a selected depth of between 5cm and 30cm.

The PH is composed of 2 tools for a work in 2 stages :

- > Pick tines to de-compact compacted soil while respecting the root network in place.
- > A stripper to clean excessively thick litter, unwanted grass or woody vegetation.
- > PH Revitalise a too-dense root network by unhooking them. It is an essential tool for abandoned or poorly maintained truffle fields, to work with burnt areas in production or not, in a localised and precise manner.
- > Finally, it is the solution for preparing delicate soils for natural regeneration.

Technical specifications //

Reference	Working width cm	Working depth - cm	Type of digger	Weight Kg
PH	64	5-30	Mini -digger	120

*All BECKER tools adaptable for diggers come with fixing pins.





Plantations maintenance

Sylva'Cass

- > Sylva'Cass is a tool for plantations and natural rule maintenance. It can perform multiple operations at the same time (cutting back unwanted vegetation, splitting, uprooting, working height up to 3.5m, soil preparation for natural fill-in planting, enrichment).
- > Sylva'Cass is the ideal recovery tool.

Technical specifications //

Reference	Blade width cm	Type of digger	Weight Kg
S'CASS	65	Mini-digger	65

***All BECKER tools adaptable for diggers come with fixing pins.**



Grubbing blades

Grubbing blades



- > Made from extremely strong steels, its unique design offers exceptional longevity.
- > The LD type Stumping Blades have been developed to work in extreme conditions. The particular shape of the LDs and its self-sharpening bevel give excellent cutting results and allow work to be carried out as rapidly*.

***use with couplers or quick couplers will void any manufacturer's warranty.**

Technical specifications //

Reference	Dimensions	Type of digger	Weight Kg
LD1	17	2 to 5 T	66
LD2	26	5 to 10 T	160
LD3	32,5	10 to 27 T	316

***All BECKER tools adaptable for diggers come with fixing pins.**



Clearing foot

Clearing

- > Stabilises the mini-digger during its work and is able to deal with numerous obstacles in the forest environment (stumps, piles of branches, drainage ditches, etc.)
- > The obstacle shoe tool allows you to secure your sites under difficult conditions and to increase your productivity.

Technical specifications //

Reference	Blade width - cm	Type of digger	Weight Kg
SF	65	Mini-digger	65





Forest Ridger

Culti 3B

For quick and effective soil preparation!

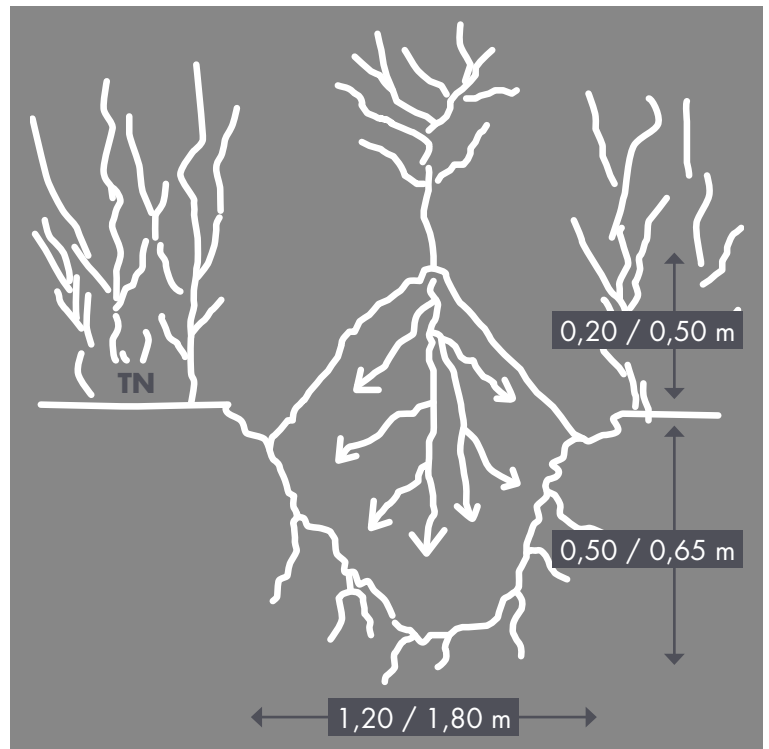
- Used to create a ridge of variable width between 1.20m and 1.80m at a height of between 0.20m and 0.50m above natural ground level depending on the number of passes.

Why this particular design?

- For working in the centre of the ridge with the subsoiler at between 0.50m and 0.60m below natural ground level and then earthing up to obtain a half-turned furrow without disturbing the soil horizon.

The 3B Technique:

- Soil is decompacted at depth.
- Soil is bulked up and not blown about.
- The 3B technique provides for excellent implantation of the plants and their root system.
- The narrow ridges provide a lateral shelter and forest ambience for young plants.
- For strong plant growth in the first years with limited maintenance.



Technical specifications //

Reference	Working width	Working depth cm	Discs	Weight kg
CULTI 3B	2m40	70	Ø 800	2 400





Cover crop forest brush cutter

"Crabe"

2.55m frame

Extremely robust devices for :

- Forest soil preparation
- Flame arrester maintenance
- Ground-clearance
- Ridging
- Non-stop vertical (hydraulic) and horizontal (oscillating yoke) safety

Extra

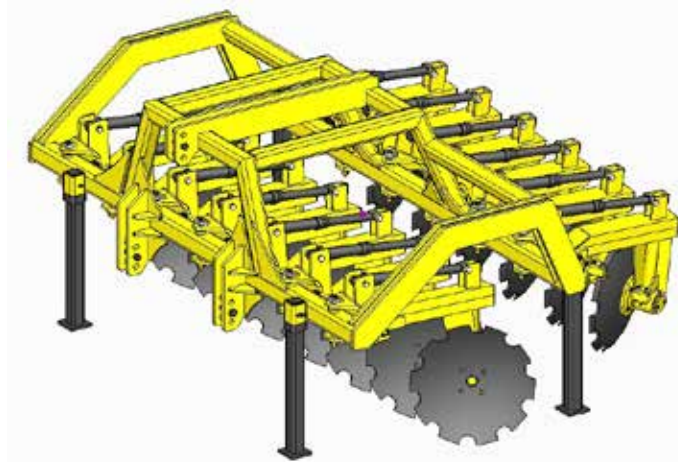
Reference

Complete notched disc element Ø710 thk8

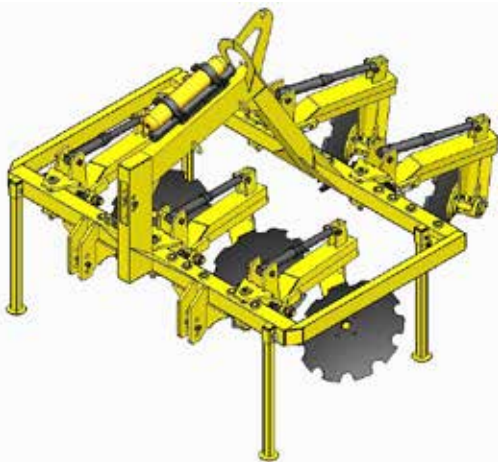
Complete flail disc element Ø810 Thk10

Technical specifications // Discs Ø710 mm

Model	Frame width mm	Power HP	Weight kg
5 Elements		70 to 80.....	1 170
6 Elements		80 to 100.....	1 400
7 Elements		100 to 110.....	1 570
8 Elements	2m55	110 to 120.....	1 750
9 Elements		120 to 130.....	1 920
10 Elements		130 to 140.....	2 100
13 Elements	3m30	160 to 170.....	3 165



Crab 13 disc elements Ø 710 mm



Crab 5 disc elements Ø 710 mm

Technical specifications // Discs Ø810 mm

Model	Frame width	Power CV	Weight Kg
8 Elements	2m55	140 to 160	2 900



Crab 8 disc elements Ø 810mm



Flail trimmers

FCL 21P JCP 295

➤ To thin out young plantations.



Technical specifications //

Reference	Working width - m	Use	Weight Kg
FCL 21P	3	Ferns and brambles	230
JCP 295	3	Ferns, brambles and woody plants	410



Forest subsoiler

SF 130 820 H

- Forest subsoiling in all situations: stumps, residual materials, etc.
- Extremely robust
- Subsoiling tine hydraulic lift.



Technical specifications //

Reference	Power HP	Clearance cm	Weight Kg
SF 130 820 H	120 - 180	85	1100



44 + 33 (0) 4 75 03 12 43 // www.grenier-franco.com





GRENIER FRANCO
MADE IN FRANCE

[illegible]



GRENIER FRANCO
MADE IN FRANCE

[illegible]



KIRPY

Since 1912
The stone removal specialist



GRENIER FRANCO

MADE IN FRANCE

General sales conditions

- 1 All of our sales are subject to our general sales conditions to the exclusion of any other document.
- 2 Our prices are those which are in effect as of the day of delivery.
- 3 Our prices are given without shipping costs from our factories in Layrac (47390 – France) or from Andancette (26140 – France)
- 4 Goods are always shipped at the recipient's own risk and responsibility.
- 5 No damages or late fees may be claimed for late deliveries under any circumstances.
- 6 Any orders handled by our representatives and the sales conditions related to them are only binding for us after we have confirmed them.
- 7 Payment conditions specified on invoices must be followed scrupulously. They might be modified with an advanced payment required according to legal and financial situation or the buyer.
- 8 Any delays in paying shall incur a penalty of 1.30% per month of delay until the overdue sums are paid in full.
- 9 A fixed fee of 40€ shall be charged to cover collection costs (Decree No. 2012-1115 du 02.10.2012).
- 10 Pursuant to the Commercial Code, any promissory notes attached to the invoices must be returned within eight days after reception.
- 11 Retention of ownership: in accordance with the Law of 12 May 1980, any delivered goods shall remain the sole property of the seller until full payment is made of the sum indicated on the invoice. Nevertheless, the responsibility for such goods shall be transferred at their delivery.
- 12 Completion date are estimated according to our stock and are not subject to any cancelation of the contract neither to a claim for compensations.
13. **Warranties :**
 - a. We guarantee the sold equipment against any material or structural defect during a period of one year starting from the date of delivery. This warranty does not cover any defect resulting from negligence, improper use of the equipment, such as submitting said equipment to abnormal stresses, or inexperience of the operator
 - b. The warranty becomes automatically voided if instructions of use or adjustment instructions provided with the equipment are not followed.
 - c. It is limited to the pure and simple replacement of the defective part by ourselves, or to its repair at our convenience, in which case the parts must be returned to our workshop without contribution from ourselves in any way to the labour costs incurred in disassembly and reassembly of the equipment.
 - d. It is explicitly agreed that the warranty is strictly limited to replacement or reconditioning of the parts that have been recognized as being defective, in accordance with the modalities below with the exclusion of any losses or damages of any nature or origin.
 - e. The warranty is voided for any use of wear parts or counterfeit spare parts or the use of unsuitable grease.
- 14 **Billing fee :** all of our invoices include a fixed billing fee.
- 15 **Packaging fee :** all of our invoices include a fixed packaging fee.
- 16 **Disputes :** any dispute arising between the parties will be exclusively subject to the jurisdiction of the Commercial Court of Agen for goods dispatched from Layrac site and Valence for those departing from Andancette, if no friendly solution has been reached beforehand within one month of notification of the dispute by registered letter with acknowledgment receipt

KIRPY *Since 1912*

B.P 2 - 47390 LAYRAC (France)
S.A.S au capital de 200 000 euros - R.C. AGEN 026 320 028 00017
APE 293 D - N° id. CEE : FR 59 026 320 028

GRENIER FRANCO *MADE IN FRANCE*

26140 ANDANCETTE (France)
S.A.S au capital de 80 000 euros - R.C.S. ROMANS 435 880 737 00018
APE 2830 Z - N° id. CEE : FR 64 435 880 737

www.kirpy.com



KIRPY *Since 1912*
The stone removal specialist



GRENIER FRANCO
MADE IN FRANCE



Dealer