



Rline

CULTIRAPID

B Line



ma/ag
MACCHINE AGRICOLE S.r.l.

CULTIRAPID R-LINE FOR THE PREPARATION OF THE SEED BED



The combined CULTIRAPID R-line is an extremely innovative equipment for working the soil and the preparation of the seed bed.

It presents itself as a very versatile yard work, modular and perfectly adaptable at the numerous exigences of the customers.

The possibility to change the different working elements grants a very high versatility, permitting to make this equipment ideal both for autumn and spring time preparations and for the roughing and finishing.

A UNIQUE EQUIPMENT FOR MULTIPLE PROCESSING!

Unique in its genre, in the half-brought version, it is really a very good alternative to the rotary harrow, because it develops substantial reduction of the working costs together with excellent agronomic results. Working speed adjustable from 5 to 15 km/h.

STANDARD EQUIPMENT

- Hydraulic folding frame in 2 sections
- Arm attacks to the tractor
- Couple of row breakers (at demand)
- Levelling bar, rigid and adjustable on height (at demand dumped)
- Disc sections made of toothed flat discs diameter 510 mm, mounted on swivelling oversize supports with triple protection bearing with greaser, system ma/ag

THE COMBINED CULTIRAPID

The first and unique, the original... and the more copied.

CULTIRAPID *R*line



INNOVATIVE WORKING SYSTEM PATENT FOR INVENTION MI2001A001621

- Grubber with square springs 25x25 mm, arranged on 2 working rows or cultivator with flex springs 32x12 mm, arranged on 3 working rows. Variable mechanical working depth (ma/ag patent) by an adjustable III point linkage (hydraulic handling at request)
- Double discs composed of 2 rows of self-cleaning star discs diameter 510 mm mounted on swiveling oversize supports with triple protection bearing with greaser; system ma/ag
- Rear stabilizer and levelling roller, necessary for a perfect result. Available, at demand, in the versions: cage – packer – rings – spike or smooth
- Trailer with hydraulic movement for the transport on road, half-shaft at 6 holes – dismantled
- Light bar and sign signal

COMBINED CULTIRAPID R-LINE MAIN ELEMENTS



PHASE 4 LEVELLING

PHASE 3 GRUBBING AND FINISHING

- 8 Rear stabilizer and levelling roller, necessary for a perfect result. Available, at request, in cage, packer, rings, spikes or smooth roller
- 9 Trailer with hydraulic movement for the transport on road, half-shaft at 6 holes – dismantled. At demand, it is possible to equip the machine with oversize wheels.
Light bar for the transport on road

- 6 Grubber with square springs 25x25 mm, arranged on 2 working rows or cultivator with flex springs 32x12 mm, arranged on 3 working rows. Independent frame.
- 7 Double self-cleaning breaking roller (on series with double star discs). CULTIRAPID's main and innovative element from the first edition, it permits a better breaking and a mixing of the already worked soil. Realized with boron steel discs, diameter 520 mm mounted on a steel shaft and swiveling oversize supports with triple protection bearing with greaser, system ma/ag.



PHASE 2 CUTTING CLODS

- ④ Disc section composed by toothed flat discs diameter 510 mm mounted on swiveling oversize supports with triple protection bearing with greaser, system ma/ag.
- ⑤ KIT with the hydraulic regulation with parallelogram of the working depth of the central grubber group. Variable mechanical working depth (ma/ag patent) by an adjustable III point linkage (hydraulic handling at request)

PHASE 1 ELIMINATION OF TRACKS AND MILLING

- ① Drawbar (on series lift arms KIT to the tractor). This system is really appreciate for the soil working at the end field. By raising the tractor arms, all the front part of the equipment lifts up, coming out from the soil.
- ② Couple of row breaker anchors, complete with reversible shares. Mechanical adjustable in different positions to eliminate the effect of compression the ground operated by the tractor wheels.
- ③ Levelling bar. Thanks to the high speed (5-15 km/h), in the impact with the clod, the levelling bar creates the first breaking of the same.



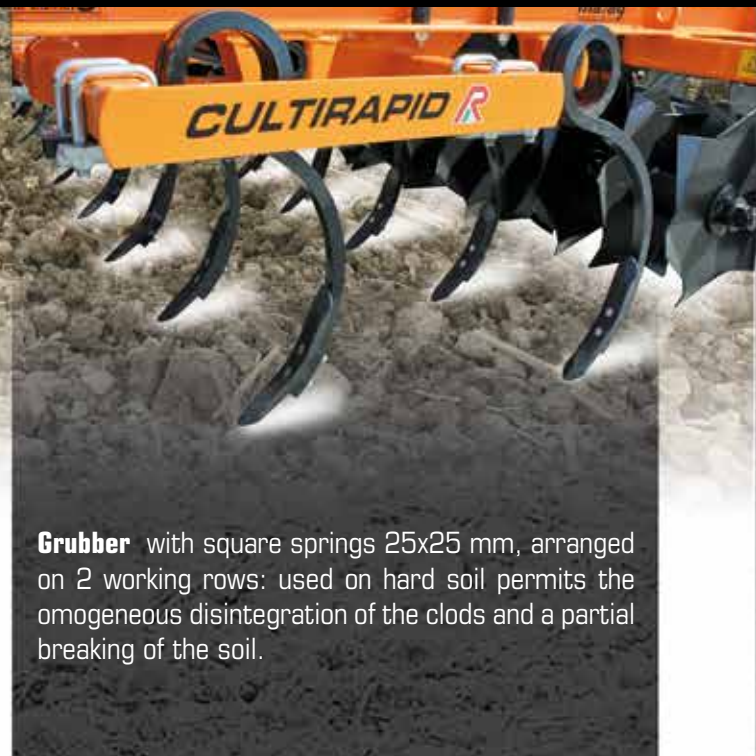
STARTING SITUATION

FINAL SITUATION

INDIPENDENT FRAME OF THE CULTIVATOR GROUP – CENTRAL GRUBBER



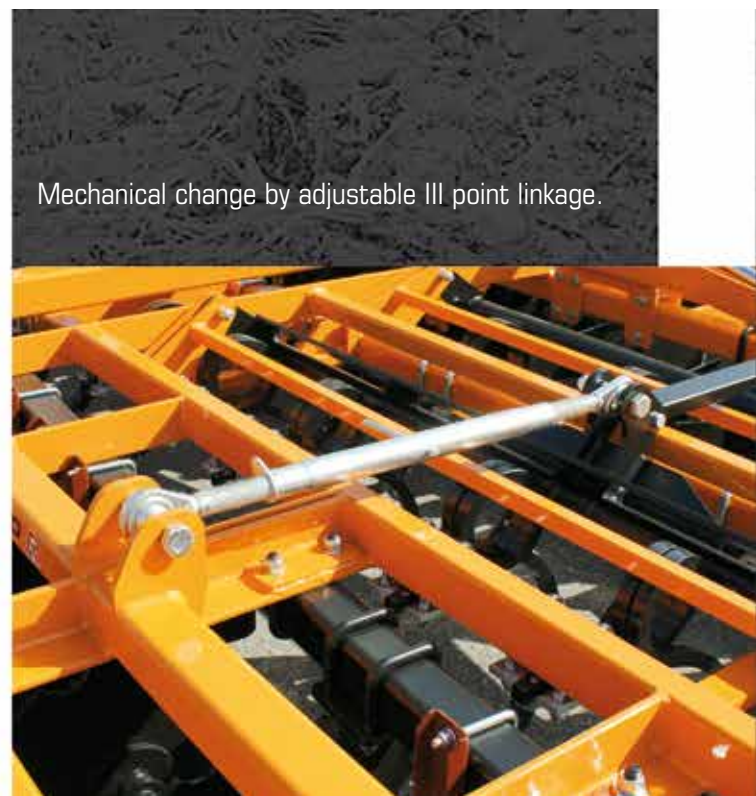
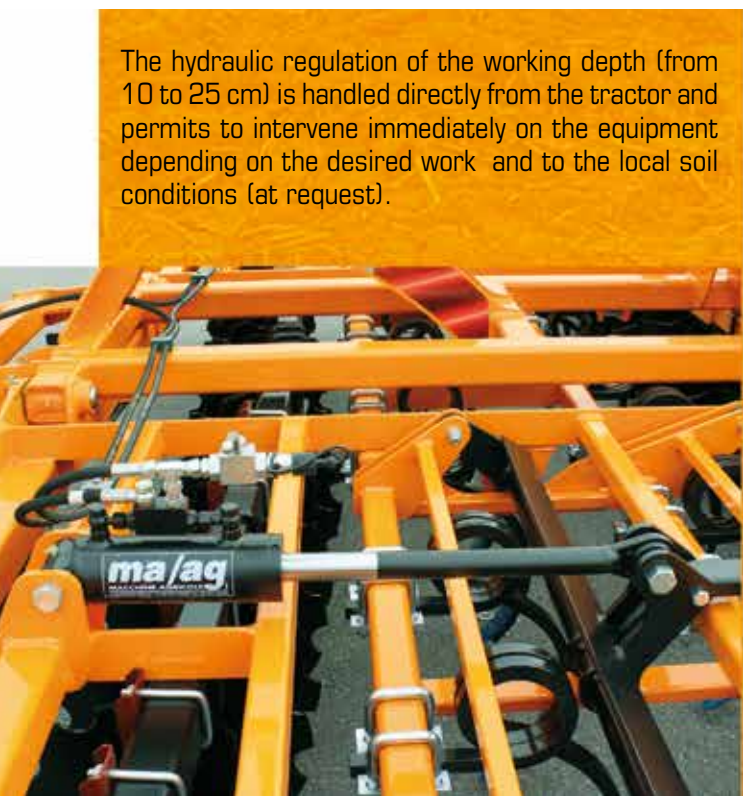
Cultivator with flex springs 32x12 mm, arranged on 3 working rows: used on light soils and on medium mixing it permits a perfect breaking of the soil.



Grubber with square springs 25x25 mm, arranged on 2 working rows: used on hard soil permits the omogeneous disintegration of the clods and a partial breaking of the soil.

KIT FOR THE REGULATION OF THE WORKING DEPTH WITH PARALLELOGRAM

The hydraulic regulation of the working depth (from 10 to 25 cm) is handled directly from the tractor and permits to intervene immediately on the equipment depending on the desired work and to the local soil conditions (at request).



Mechanical change by adjustable III point linkage.

CAGE ROLLER

The rear roller with mechanical regulation by a perforated plate, permits the levelling and the finishing for a perfect seeding. All the rollers are assembled on steel supports, system ma/ag.

STABILIZER AND LEVELLING ROLLER REAR

PACKER ROLLER

RINGS ROLLER

BEARING SUPPORT FOR DISC SECTIONS

The new swiveling supports system ma/ag grants an high resistance on stress to the different used conditions; they are the fruit of the internal targeted and specific design, validated by 40 years of experience. The oversize supports are realized with triple protected bearings with greaser.

SMOOTH ROLLER



FOLDING FRAME FOR THE TRANSPORT ON ROAD FLOOR SPACE 2,55 m

VERSION WITH SQUARE SPRINGS 25X25 mm ARRANGED ON 2 WORKING ROWS

MODEL	WORKING WIDTH (m)	TRANSPORT WIDTH (m)	WEIGHT (Kg)	HP
CTRI R-LINE 40/2Q	4,00	2,55	3830	150/170
CTRI R-LINE 50/2Q	5,00	2,55	4320	170/210
CTRI R-LINE 60/2Q	6,00	2,55	5280	210/240

VERSION WITH FLEX SPRINGS 32X12 mm ARRANGED ON 3 WORKING ROWS

MODEL	WORKING WIDTH (m)	TRANSPORT WIDTH (m)	WEIGHT (Kg)	HP
CTRI R-LINE 40/2F	4,00	2,55	3500	150/170
CTRI R-LINE 50/2F	5,00	2,55	4200	170/210
CTRI R-LINE 60/2F	6,00	2,55	5050	210/240

The weights can change according to the roller used and the particular settings.



MADE IN ITALY- CEE



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