

EOS
SERIES

HYDRAULIC FOLDING DISC HARROWS



RCHX



RCHV



MRCHX

INTERNATIONAL
GASCON[®]
AGRICULTURAL MACHINERY ENGINEERING

RCHV Discs 26" / 660x6mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TYRES	POWER	WEIGHT
RCHV	M.	Nº	Nº		CV/HP ≈	Kg. ≈
GR-RCHV305 - 26	3,05	26	8	400/60-15"	110-120	3700
GR-RCHV330 - 28	3,30	28	8	400/60-15"	120-130	3800
GR-RCHV355 - 30	3,55	30	8	400/60-15"	130-140	3900
GR-RCHV380 - 32	3,80	32	12	500/50-17"	140-150	4000
GR-RCHV405 - 34	4,05	34	14	500/50-17"	150-160	4300
GR-RCHV430 - 36	4,30	36	16	500/50-17"	160-170	4400
GR-RCHV455 - 38	4,55	38	16	500/50-17"	170-180	4600
GR-RCHV480 - 40	4,80	40	16	500/50-17"	180-190	4700
GR-RCHV505 - 42	5,05	42	16	500/50-17"	190-200	4800
GR-RCHV530 - 44	5,30	44	16	500/50-17"	200-220	4900

≈ Approximately

Discs spacing: 240 mm.

Depth max. 250 mm.

RCHV Discs 28" / 710x7mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TYRES	POWER	WEIGHT
RCHV	M.	Nº	Nº		CV/HP ≈	Kg. ≈
GR-RCHV316 - 24	3,16	24	8	400/60-15"	110-120	4000
GR-RCHV343 - 26	3,43	26	8	400/60-15"	120-130	4100
GR-RCHV370 - 28	3,70	28	8	400/60-15"	130-140	4200
GR-RCHV397 - 30	3,97	30	12	500/50-17"	140-150	4300
GR-RCHV424 - 32	4,24	32	12	500/50-17"	150-160	4400
GR-RCHV451 - 34	4,51	34	14	500/50-17"	160-170	4700
GR-RCHV478 - 36	4,78	36	16	500/50-17"	170-180	4800
GR-RCHV505 - 38	5,05	38	16	500/50-17"	180-190	4900
GR-RCHV532 - 40	5,32	40	16	500/50-17"	190-200	5000
GR-RCHV559 - 42	5,59	42	16	500/50-17"	190-220	5100
GR-RCHV588 - 44	5,88	44	16	500/50-17"	230-240	5300

≈ Approximately

Discs spacing: 270 mm.

Depth max. 275 mm.

Frame section: 180x100x8 mm.
 Sub frame section: 200x100x10 mm.
 Disc body section: 180x100x8 mm.
 Discs axle: 40x40 mm.
 Wheels axle: 80x80 mm.
 Transport width: 2,50 mm.



2,50 M.

RCHV

RCHX Discs 26" / 660x6mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TYRES	POWER	WEIGHT
RCHX	M.	Nº	Nº		CV/HP ≈	Kg. ≈
GR-RCHX330 - 28	3,30	28	8	400/60-15"	110-130	3500
GR-RCHX380 - 32	3,80	32	12	400/60-15"	130-150	3800
GR-RCHX430 - 36	4,30	36	12	500/50-17"	150-170	4100
GR-RCHX480 - 40	4,80	40	16	500/50-17"	170-190	4400
GR-RCHX530 - 44	5,30	44	16	500/50-17"	190-210	4700

≈ Approximately

Discs spacing: 240 mm.
Depth max. 250 mm.



RCHX Discs 28" / 710x7mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TYRES	POWER	WEIGHT
RCHX	M.	Nº	Nº		CV/HP ≈	Kg. ≈
GR-RCHX320 - 24	3,20	24	8	400/60-15"	100-120	3400
GR-RCHX370 - 28	3,70	28	8	400/60-15"	120-130	3750
GR-RCHX420 - 32	4,20	32	12	500/50-17"	130-150	4100
GR-RCHX470 - 36	4,70	36	12	500/50-17"	150-170	4450
GR-RCHX520 - 40	5,20	40	16	500/50-17"	170-190	4800
GR-RCHX570 - 44	5,70	44	16	500/50-17"	190-210	5150

≈ Approximately

Discs spacing: 270 mm.
Depth max. 275 mm.



2,50 M.

Frame section: 180x100x8 mm.
Discs frame section: 180x100x8 mm.
Discs axle: 40x40 mm.
Wheels axle: 80x80 mm.
Transport width: 2,50 mm.



RCHX

MRCHX Discos 26" / 660x6mm.



MODEL	WORKING WIDTH	DISCS	BEARINGS	TYRES	POWER	WEIGHT
MRCHX	M.	Nº	Nº		CV/HP ≈	Kg. ≈
GR-MRCHX380 - 32	3,80	32	12	500/50-17"	110-150	4300
GR-MRCHX430 - 36	4,30	36	16	500/50-17"	130-160	4600
GR-MRCHX480 - 40	4,80	40	16	500/50-17"	140-170	4800
GR-MRCHX530 - 44	5,30	44	16	500/50-17"	150-200	5000
GR-MRCHX580 - 48	5,80	48	16	500/50-17"	170-220	5200
GR-MRCHX630 - 52	6,30	52	16	500/50-17"	180-250	5400

≈ Approximately

Discs spacing: 240 mm.
Depth max. 250 mm.



Frame section: 300x300x12 mm.
Discs frame section: 180x100x8 mm.
Discs axle: 40x40 mm.
Wheel axle: 80x80 mm.
Transport width: 2,50 mm.



2,50 M.

HYDRAULIC FOLDING DISC HARROWS

RCHV STANDARD EQUIPMENT

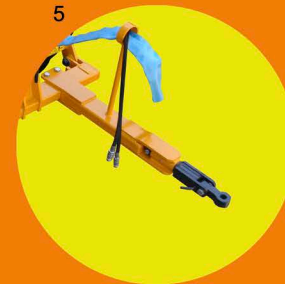
- ☒ Hydraulic regulation of angle of opening (Pict.1)
- ☒ Adjustable draw bar: high&side (Pict.2)
- ☒ Mechanic stabilizer bar (Pict.3)
- ☒ Overdimensioned frame and additional frame (Pict.4)
- ☒ Hydraulic folding for transport
- ☒ Transport safety device in discs bodies (from 34 discs on)
- ☒ Discs squared axle 40x40
- ☒ Wheels squared axle 80x80
- ☒ Swivel hitch (Pict.5)
- ☒ Hydraulic brake (Pict.6)
- ☒ Warning lights (Pict.7)
- ☒ Wheels chocks
- ☒ Adjustable scraper: one for each disc
- ☒ Double piston central wheels for hydraulic depth control and transport control (Pict.8)
- ☒ Hydraulic depth control (Pict.9)
- ☒ Waterproof double conical bearing (Pict.10)

RCHX STANDARD EQUIPMENT

- ☒ Hydraulic regulation of angle of opening (Pict.1)
- ☒ Adjustable draw bar: high&side (Pict.2)
- ☒ Mechanic stabilizer bar (Pict.3)
- ☒ Overdimensioned frame (Pict.4)
- ☒ Hydraulic folding for transport
- ☒ Discs squared axle 40x40
- ☒ Wheels squared axle 80x80
- ☒ Tourning link (Pict.5)
- ☒ Hydraulic brake (Pict.6)
- ☒ Warning lights (Pict.7)
- ☒ Wheels chocks
- ☒ Adjustable scraper: one for each disc.
- ☒ Double piston central wheels for hydraulic depth control and transport control (Pict.8)
- ☒ Hydraulic depth control (Pict.9)
- ☒ Waterproof double conical bearing (Pict.10)

MRCHX STANDARD EQUIPMENT

- ☒ Hydraulic regulation of angle of opening (independent regulation front/back discs) (Pict.11)
- ☒ Visualizer of the position of discs bodies
- ☒ Adjustable draw bar: high (no side)
- ☒ Hydraulic stabilizer bar (Pict.12)
- ☒ Overdimensioned frame (Pict.4)
- ☒ Hydraulic folding for transport
- ☒ Lateral levelling discs (Ø 560 mm.)
- ☒ Discs squared axle 40x40
- ☒ Wheels squared axle 80x80.
- ☒ Tourning link (Pict.5)
- ☒ Electrovalve 10 ways with control box (1 double effect command is required inside the tractor) (Pict.13)
- ☒ Hydraulic brake (Pict.6)
- ☒ Warning lights (Pict.7)
- ☒ Wheels chocks
- ☒ Adjustable scraper: one for each disc.
- ☒ Pre-installation for roller.
- ☒ Double piston central wheels for hydraulic depth control and transport control (Pict.8)
- ☒ Hydraulic depth control (Pict.9)
- ☒ Waterproof double conical bearing (Pict.10)



HYDRAULIC FOLDING DISC HARROWS

Hydraulic disc harrows are strongly recommended when working in great areas, with great quantities of vegetable residues and they contribute to eliminate weeds. This allows employing less quantity of fungicides, increase the productivity and to obtain the best sowing, ready for seeding.

Working width is comprehended between 3, 05 m. and 6, 30 m.

Transport width has been reduced to 2, 50M. in order to allow making easier displacement as well as travelling in the street .

There exist 3 different models:

1. Model RCHV: V-shape
2. Model RCHX: X-shape
3. Model MRCHX: X-shape with monobeam frame

Frames that are employed in these disc-harrows are overdimensioned ones and their strong structure is the point of force of this kind of disc harrows.

V-shape model RCHV is complemented with an additional frame on which trains of discs fold. Besides this, there also exists a locking device (included in origin from 34 discs on) which assures the compactness of the whole structure (composed by: main frame, supplementary one and train of discs) – so that vibrations cannot compromise the quality of work.

In models RCHX, the disposition of front and rear discs in X, drawing a cross, completely enable any possibility that there could exist any unworked area in the middle of the machine.

Disc harrows section controls, folding and levelling control, are hydraulic, with the possibility to improve hydraulic controls according to personal needs and according to the list of possible options for each model. The use of electro valve is an option (except in model MRCHX Monoframe which is included in origin)

Monoframe disc harrows represent the FULL-EQUIP of EOS series. Each control is absolutely hydraulic in origin and controlled by 10 ways electro valve.

All EOS models, both V-shape and X shape include, in origin, high quality big dimension wheels. Their dimensions is calculated in accordance to the dimension of the disc harrow width and has the aim of favoring better stability, as well as reducing the pressure of their impact in the soil.

RCHV-RCHX-MRCHX

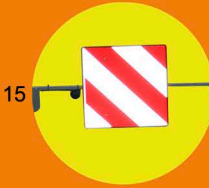
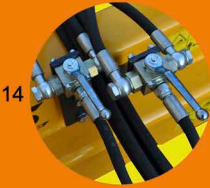
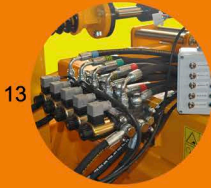
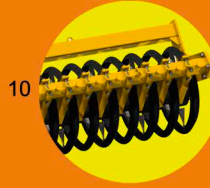
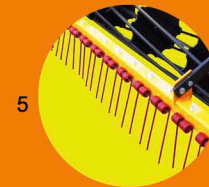
- Adjustable deflectors against projections (Pict. 1)
- Front disc against projections (Pict. 2)
- Thickness of the disc increasing
- Levelling disc (Pict. 3)
- Rear hook coulter (Pict. 4)
- Scraping bar (Pict. 5)
- Round cage roller (Pict. 6)
- Flat cage roller (Pict. 7)
- Polished roller (Pict. 8)
- Packer roller (Pict. 9)
- V-ring roller (Pict. 10)
- Notched disc roller (Pict. 11)
- Wavy cutting edge double roller (Pict. 12)
- Ring for additional rear hook (Pict. 18)

RCHV-RCHX

- Electrovalve (Pict. 13)
- 3 ways ball valve (Pict. 14)
- Reflective marking plate (Pict. 15)
- Increasing of the dimension of wheels
- Hydraulic stabilizer bar (Pict. 16)
- Increasing of discs spacing from 240mm. to 270mm.
- Sealed system (no lubrication required) for sandy soils (Pict. 17)

MRCHX

- Stabilizer central disc (for leaning soils)



OPTIONS

- Roller with hydro pneumatic amortization system of folding function

WITHOUT AFFECTING THE USE AND ORIGINAL FUNCTIONS, HEREDEROS DE MANUEL GASCÓN S.L. HAS THE RIGHT TO MAKE CHANGES THAT ARE DEEMED NECESSARY FOR THE BEST OPERATION OF THE EQUIPMENT TO BE SUPPLIED.

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Dealer

