

GEA

**CARRIED CENTRAL WHEELS DISC HARROWS
V-SHAPE**



INTERNATIONAL
GASCON®
AGRICULTURAL MACHINERY ENGINEERING



Central wheels disc harrows working depth depends on the diameter of the discs, weight and angle attack which the machine forms in the direction of motion.

The front train of discs, generally equipped with toothed disc and scrapers, breaks up clods, thanks to the lateral displacement.

The back train of discs, generally equipped with smooth discs and scrapers, displaces the land in the opposite direction respect the front train - allow the superficial burying of the stubble, having, at the same time, pulverizing and levelling effect.

Machines are equipped with reinforced discs - with option to increase its thickness in order to improve capacity of penetration and to achieve even much more powerful equipment. (RCR Model)

Disc spacing contributes to bury stubble residues and break up clods. This value may be increased in RCR model.

Disc harrows frames are solid, strong, reinforced. The RCR model has three frames. Each model is designed in order to require only the minimum power of the tractor.

The use of rollers is strongly recommended.

Thanks to the rollers the machine better breaks clods up, firms the soil surface, reduces hard surface and leave surface in condition to resist crusting.

This way they favour the correct development of the seeds.

As an option, it is possible to suit disc harrows, with rear hook-coulter, so as to equip them with other equipments such as Cambridge rollers and improve bed of sowing.



CENTRAL WHEELS CARRIED V-SHAPE DISC HARROWS

RCL Discs 24" / 610x5mm.

MODEL	WORKING WIDTH	DISCS	TRANSPORT WIDTH	ROWBAR POWER	WEIGHT
"RCL"	M.	Nº	mm.	CV/HP	Kg.
GR-RCL175-16	1,75	16	1750	40-50	920
GR-RCL198-18	1,98	18	1980	50-60	1030
GR-RCL221-20	2,21	20	2210	60-70	1120
GR-RCL244-22	2,44	22	2440	70-80	1200

FRAME SECTION: 100x100 x6 mm.
DISCS FRAME: 120x 60 x6 mm.
DISCS: 24" / 610x5 mm.
DISCS SQUARED AXLE: 30x30 mm.
DISCS SPACING: 225 mm.
DEPTH MAX.: 150 mm.
Nº BEARINGS: 8
TYRES: 10.0/80-12"
WHEELS SQUARED AXLE: 50x50 mm.

RCN Discs 26" / 660x6mm.

MODEL	WORKING WIDTH	DISCS	TRANSPORT WIDTH	ROWBAR POWER	WEIGHT
"RCN"	M.	Nº	mm.	CV/HP	Kg.
GR-RCN207 - 18	2,07	18	2140	70	1800
GR-RCN231 - 20	2,31	20	2370	80	1900
GR-RCN255 - 22	2,55	22	2580	90	2000
GR-RCN280 - 24	2,80	24	2800	100	2100
GR-RCN305 - 26	3,05	26	3050	115	2200
GR-RCN330 - 28	3,30	28	3300	130	2350

FRAME SECTION: 150x100x8
DISCS FRAME: 150x100x8
DISCS: 26" / 660x6 mm.
DISCS SQUARED AXLE: 40x40 mm.
DISCS SPACING: 240 mm.
DEPTH MAX.: 250 mm.
Nº BEARINGS: 8
TYRES: 10.0/75-R15,3"
WHEELS SQUARED AXLE: 60x60 mm.

RCR Discs 26" / 660x6mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TRANSPORT WIDTH	ROWBAR POWER	WEIGHT
"RCR"	M.	Nº	Nº	mm.	CV/HP	Kg.
GR-RCR255 - 22	2,55	22	8	2550	80-90	2600
GR-RCR280 - 24	2,80	24	8	2800	90-100	2700
GR-RCR305 - 26	3,05	26	8	3050	100-110	2800
GR-RCR330 - 28	3,30	28	8	3300	115-130	2900
GR-RCR355 - 30	3,55	30	12	3550	130-140	3000
GR-RCR380 - 32	3,80	32	12	3800	140-150	3100
GR-RCR405 - 34	4,05	34	12	4050	150-160	3200
GR-RCR430 - 36	4,30	36	12	4300	160-170	3300

FRAME SECTION: 150x100x8 mm.
DISCS FRAME: 180x100x8 mm.
DISCS: 26" / 660x6 mm.
DISCS SQUARED AXLE: 40x40 mm.
DISCS SPACING: 240 mm.
DEPTH MAX.: 250 mm.
TYRES: 11.5/80-R15,3"
WHEELS SQUARED AXLE: 60x60 mm.

RCR Discs 28" / 710x6mm.

MODEL	WORKING WIDTH	DISCS	BEARINGS	TRANSPORT WIDTH	ROWBAR POWER	WEIGHT
"RCR"	M.	Nº	Nº	mm.	CV/HP	Kg.
GR-RCR262 - 20	2,62	20	8	2620	80-90	2800
GR-RCR289 - 22	2,89	22	8	2890	90-100	2900
GR-RCR316 - 24	3,16	24	8	3160	100-110	3000
GR-RCR343 - 26	3,43	26	8	3430	110-120	3100
GR-RCR370 - 28	3,70	28	8	3700	120-130	3200
GR-RCR397 - 30	3,97	30	10	3970	130-140	3300
GR-RCR424 - 32	4,24	32	12	4240	140-150	3400
GR-RCR451 - 34	4,51	34	12	4515	150-160	3500
GR-RCR478 - 36	4,78	36	12	4780	170-180	3600

FRAME SECTION: 150x100x8 mm.
DISCS FRAME: 180x100x8 mm.
DISCS: 28" / 710x6 mm.
DISCS SQUARED AXLE: 40x40 mm.
DISCS SPACING: 270 mm.
DEPTH MAX.: 275 mm.
TYRES: 11.5/80-R15,3"
WHEELS SQUARED AXLE: 60x60 mm.

RCSD Discs 32" / 810x10mm.

MODEL	WORKING WIDTH	DISCS	TRANSPORT WIDTH	TYRES	ROWBAR POWER	WEIGHT
"RCSD"	M.	Nº	mm.		HP/CV	Kg.
GR-RCSD280 - 18	2,80	18	2800	500/50-17"	140-150	4800
GR-RCSD310 - 20	3,10	20	3100	500/50-17"	150-160	5000
GR-RCSD340 - 22	3,40	22	3400	425/55-19,5"	160-170	5250
GR-RCSD370 - 24	3,70	24	3700	425/55-19,5"	170-180	5450
GR-RCSD400 - 26	4,00	26	4000	425/55-19,5"	180-190	5650

FRAME SECTION: 200x100x10 mm.
DISCS FRAME: 250x100x10 mm.
DISCS: 32" / 810x10 mm.
DISCS SQUARED AXLE: 50x50 mm.
DISCS SPACING: 320 mm.
DEPTH MAX.: 300 mm.
Nº BEARINGS: 8
WHEELS SQUARED AXLE: 100x100 mm.

STANDARD EQUIPMENT

Adjustable draw bar high/side.
 Hydraulic central depth control wheels double piston.
 Stabilizer bar.
 Adjustable scraper, one for each disc.
RCL: Waterproof ball bearing
RCN-RCR: Waterproof double conical bearing.
RCSD: 4x bearing of 50x50
 Discs divider cast-iron.
 Mechanical regulation of the angle of opening.
 Max working angle 45°.
 Depth control: **RCL-RCN:** Mecanic
RCR-RCSD: Hydraulic
 Swivel hitch.
RCN - Transport safety device with bolt
RCR - Reinforced frame: 3 frames.

OPTIONS





The drawbar can be adjusted in height. Robust springs absorb the effort between the tractor and the harrow. The horizontality of the harrow working position is easily adjusted through a screw. The levelling bar allows setting disc harrows properly so as to adapt the soil to work in.



Opening hydraulic angle and hydraulic depth working control are complemented with a graduated visualizer situated on the cylinder to allow setting values without any possibility of error.



Working angle is adjusted manually (hydraulic adjustment as an option): the disc body turning over a roller. Working position is adjusted through a screw, easily and safely accessible.



Central depth control wheels ensure a better balance during transport. Thanks to a cylinder, wheels raise vertically and facilitate the circulation. Besides, central wheels control depth and absorb lateral efforts.