

POWER HARROW M-160



The power harrow M-160 model has been designed for operations of soil refining and seedbed preparation, following a primary soil preparation. The machine allows an optimal job of levelling and finishing of the seedbed with an

high capacity to generate refined soil homogeneously distributed throughout a consistent working depth, and to make an important reconsolidation of the soil under the seeds.

Main Features:

- Heavy duty top mast 3-point hitch - Category 2 and 3.
- Tie rods reinforcement connecting the frame to the 3-point mast
- Heavy duty gear-trough, manufactured with special steel. High thickness of trough (8mm) and cover (5mm)
- Low distance between rotors (240 mm), allowing a better preparation of the seedbed in one pass
- Displacement of the tine rotors at optimized angles, allowing the power harrow to dig gradually into the soil, reducing the vibrations and resulting in smoother operation and less tractor fuel consumption



POWER HARROW M-160

Model	300	350	400
Overall Dimensions (L x W x H) (cm)	300 x 125 x 157	348 x 125 x 157	396 x 125 x 157
Working Width (cm / inch)	297 / 117	345 / 136	393 / 155
Tractor Power (HP / Kw)	120-170 / 89-127		
3-Point Hitch Type	Category II - III (ISO 730)		
PTO Input Speed	540 / 1000		
Rear PTO Stub	Standard		
Stone Protection	Standard		
Transmission Type	Gear Drive		
Max Working Depth (cm / inch)	30 / 11.80		
Driveline Safety Device	Slip Clutch / Drive shaft W / Automatic Clutch (optional)		
Rotor Shaft Oil Seal	Cassette Seal		
Weight (Kg / lbs)	1042 / 2297	1214 / 2676	1385 / 3037
Roller Attachments			
Packer Roller			
Overall Dimension (L x B x H) (cm)	299 x 91 x 51	350 x 91 x 51	400 x 91 x 51
Diameter (mm)	450	450	450
Weight (**) (Kg / lbs)	383 / 844	441 / 972	499 / 1100
Cage Roller			
Overall Dimension (cm)	299 x 89 x 48	350 x 89 x 48	400 x 98 x 48
Diameter (mm)	400	400	400
Weight (**) (Kg / lbs)	155 / 341	174 / 383	193 / 425.5
Spike Roller			
Overall Dimension (cm)	299 x 89 x 54	350 x 89 x 54	400 x 89 x 54
Diameter (mm)	490	490	490
Weight (**) (Kg / lbs)	185 / 408	110 / 242.5	135 / 297

Optional Attachment	300	350	400
Rear Rollers (Fixed)	✓	✓	✓
Rear Rollers (Hyd.Lifted)	✓	✓	✓
Rear Rollers (Mech.Lifted)	✓	✓	✓
Track Eradicator	✓	✓	✓
Quick Blade Replacement	✓	✓	✓

(*) roller and driveshaft excluded (**) roller frame & levelling bar included
 The company reserves absolute rights to modify the specifications of machine and components therein without any prior notice.

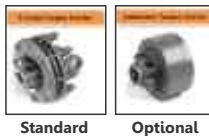
*Accessories shown are not part of standard equipment.

Rotor RPM chart

Gear Pair	Input RPM	Drive Gear	Driven Gear	RPM
1	540	27	21	335
2	540	28	20	365
1	1000	20	28	344
2	1000	21	27	375

Standard Gear Pair 27-21

Quick fit blade (Under Patenting)



Standard Optional



Swinging front lower hitches. Using of swinging hitches prevents heavy stresses of the power harrow when working on undulating ground.



Rear levelling bar allowing regulation of soil flow and optimization of rotating knives work, with mechanical adjuster



CE safety guards



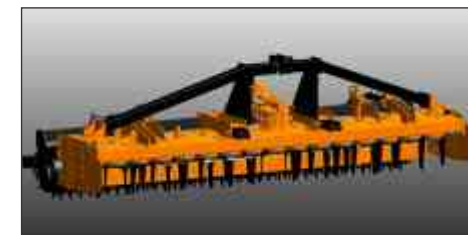
- Rotor system with 55mm rotor shaft diameter, quenched and tempered shaft, reinforced bearings and hardened gears submerged in oil bath
- Rotor shafts with highly reliable cassette oil seals



Stone Protection Cover (Standard)



Rear roller adjustment through Pin (Standard) Mechanical / Hyd. (Optional)



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