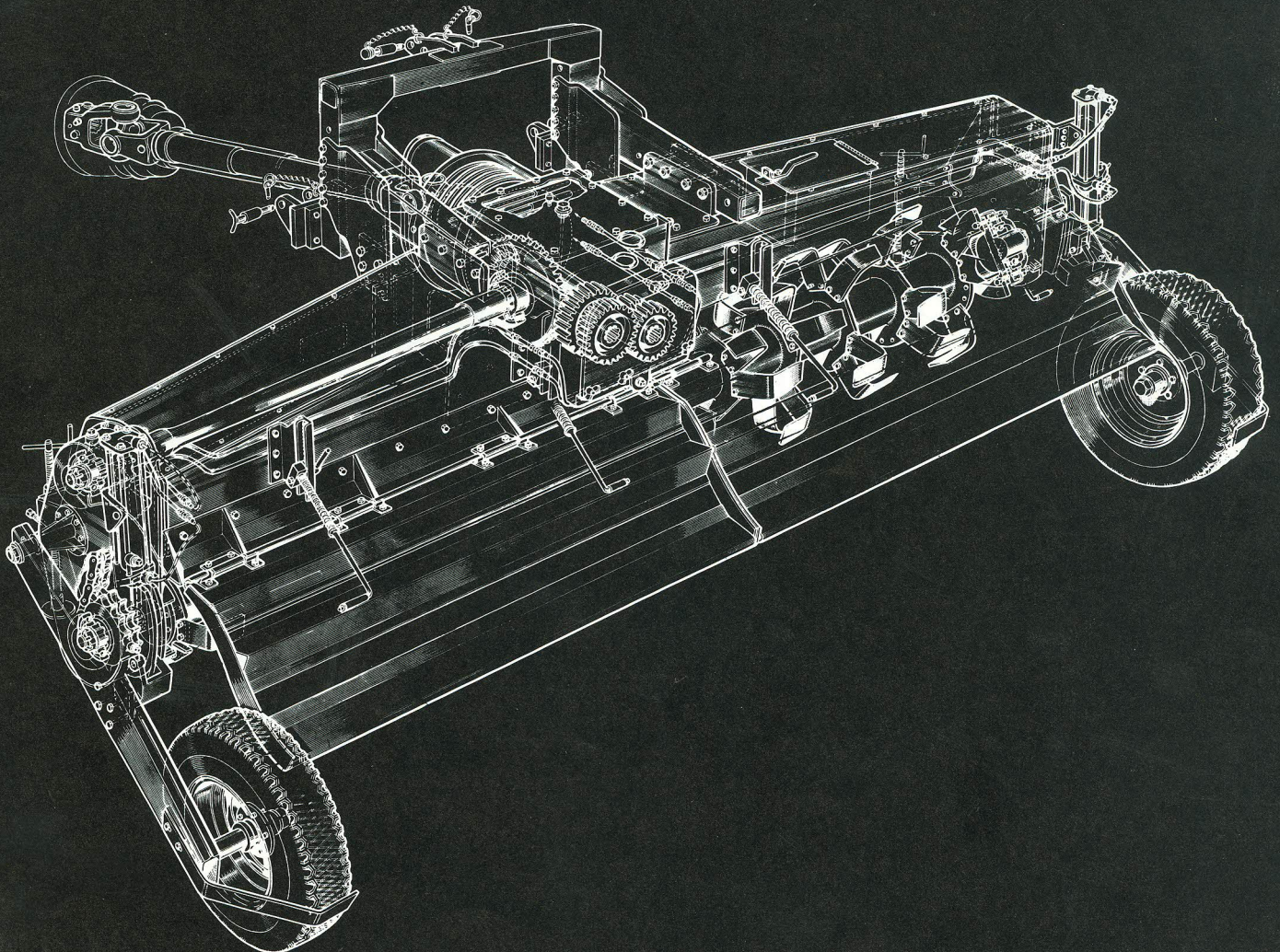


ROTAVATOR SPECIFICATIONS





M SERIES

HORSEPOWER RANGE: Designed from 85 b.h.p. to 140 b.h.p. with 1000 r.p.m. p.t.o.

LINKAGE: Category II and III, 3 point linkage or trailer.

WIDTH OF TILLAGE: 80", 100", and 130" center mounted.

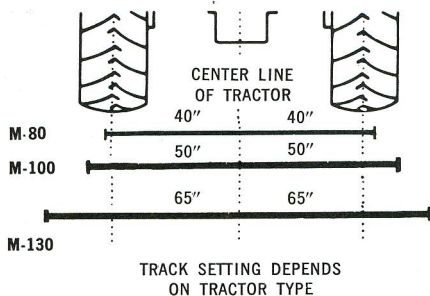
DEPTH OF TILLAGE: Adjustable to 8".

TRANSMISSION: By heavy duty low friction ball slip joint and adjustable spring loaded safety clutch to Selectatilt gearbox. Power transmitted from gearbox crown wheel and pinion to rotor by taper forged jackshaft to gear drive supported on both sides by heavy duty bearings.

ROTOR SPEEDS: At 1000 r.p.m. 159, 188, 204 and 240. Additional gears available as optional extras; produce rotor speeds of 147, 173, 221 and 261.

DEPTH CONTROL: By 2" x 9" DA ram controlled depth wheels (7.00 x 14).

SHIPPING WEIGHTS: M 80 3644 lbs.
M 100 3936 lbs.
M 130 4500 lbs.



ST SERIES

LINKAGE: Suitable for tractors equipped with Category II 3-point linkage.

WIDTH OF TILLAGE: 160" or 180" centrally mounted.

DEPTH OF CUT: Adjustable to 6" max.

TRANSMISSION: By low friction ball slip universal drive joint and adjustable spring loaded safety clutch from tractor P.T.O. to "Selectatilt" gear box. Power transmitted from gearbox to rotor by high capacity gear drive. The "Selectatilt" gearbox provides a quick change of rotor speeds in the field. Additional gears are available for specialized applications.

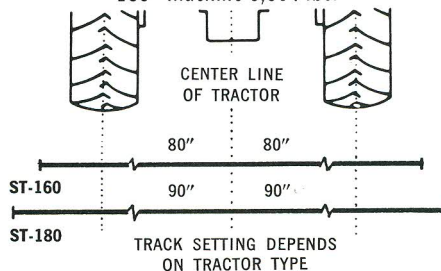
ROTOR SPEEDS: At 1000 P.T.O. speed—270 and 325 as standard equipment with optional extras producing—200, 220, 242 and 253 R.P.M.

ROTOR: Fully adjustable and removable rotor flanges. 4 blades per flange.

DEPTH CONTROL: By adjustable front depth control wheels and hydraulically controlled rear wheels when using planting equipment supplied as an optional extra.

OPTIONAL EQUIPMENT: Planter attaching brackets, cultivating shields, bedding shields. Two hydraulically controlled rear castor wheel and beam assemblies (required when machine is fitted with planters and planter brackets).

SHIPPING WEIGHTS: c/w wheel beams and planter brackets
160" machine 5,264 lbs.
180" machine 5,504 lbs.



S SERIES

HORSEPOWER RANGE: Designed for tractors from 65 to 100 b.h.p., with 540 or 1000 p.t.o.

LINKAGE: Suitable for tractors equipped with Category II three point linkage. Trailer Frame available for tractors without linkage. Hydraulically operated with 8" Cross cylinder. Hand screw also provided. Wheels 14" rims, with adjustable centers 62" and 71".

WIDTH OF TILLAGE: 80" or 100" center mounted.

DEPTH OF CUT: adjustable to 8" max.

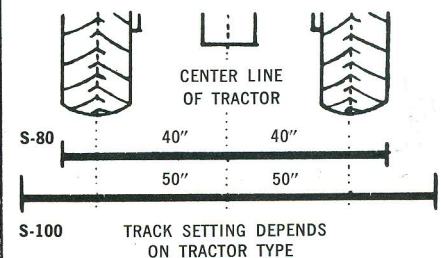
TRANSMISSION: By low friction ball slip drive joint and adjustable spring loaded safety clutch from tractor p.t.o. to Selectatilt Gearbox. Power transmitted from gear box to rotor by jackshaft and high capacity gear drive.

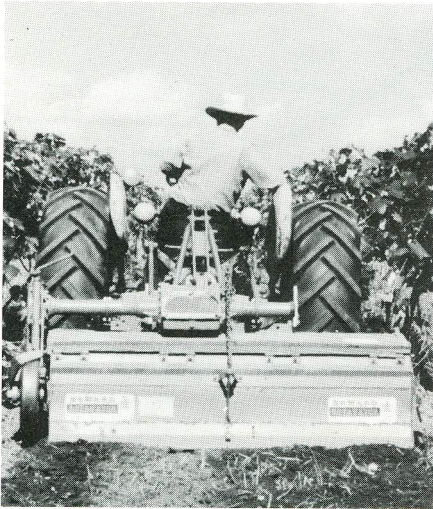
ROTOR SPEEDS: With 540 or 1000 P.T.O.—157, 172, 188, 206. Optional extras—120, 131, 144, 225, 246, 270.

Transfer Gears Standard Equipment
540 17/23
1000 23/17

DEPTH CONTROL: By screw adjustable depth control wheels.

SHIPPING WEIGHTS: S 80 2119 lbs.
S 100 2378 lbs.





E SERIES

HORSEPOWER RANGE: Designed for tractors of 30-60 b.h.p. with 540 r.p.m. or 1000 r.p.m. p.t.o.

LINKAGE: Suitable for tractors equipped with Category I or II 3-point linkage. I.H. Fast Hitch Kit available extra.

WIDTH OF TILLAGE: 50", 60", 70", and 80" center mount or offset by two position mounting brackets. 80" center mount only.

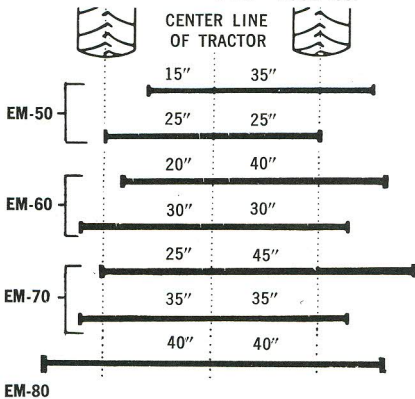
DEPTH OF CUT: Adjustable to 8" maximum.

TRANSMISSION: By universal drive joint and adjustable spring loaded safety clutch from tractor p.t.o. to Selectatilh gearbox. Power transmitted from gear box to rotor by heavy duty jackshaft and high capacity fatigue resistant 1½" pitch roller chain

ROTOR SPEEDS: 540 r.p.m. p.t.o.—125, 155, 175, 215 r.p.m. Optional extra 109 and 245 r.p.m. 1000 r.p.m. p.t.o.—155, 180 r.p.m. Optional extra 200 r.p.m.

DEPTH CONTROL: By screw adjustable depth control wheel.

SHIPPING WEIGHTS: E 50 1100 lbs.
E 60 1185 lbs.
E 70 1274 lbs.
E 80 1652 lbs.



HA SERIES

HORSEPOWER RANGE: Designed for use with tractors of 25 to 50 b.h.p. at 540 r.p.m. PTO

LINKAGE: Suitable for tractors with Category I or II 3-point linkage

WIDTH OF TILLAGE: 40", 50", 60" and 70" offset or centrally mounted.

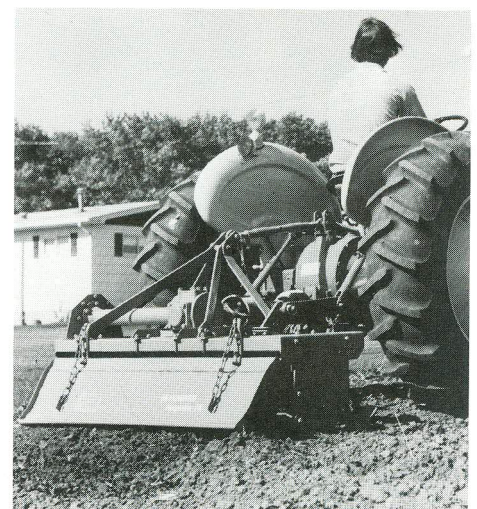
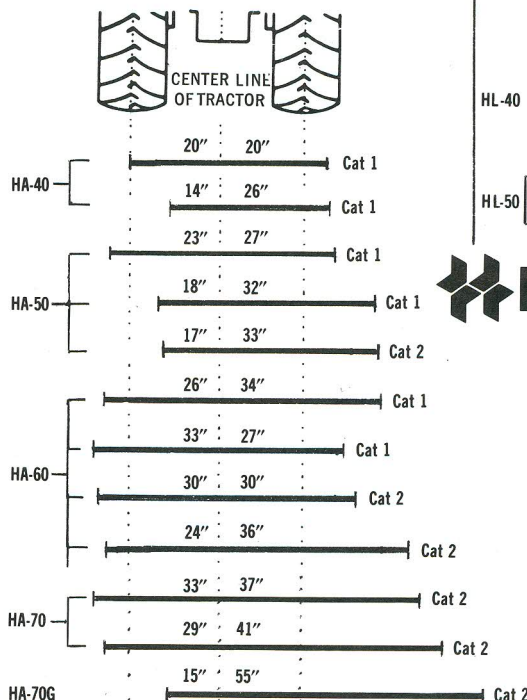
DEPTH OF CUT: Adjustable to 7"

TRANSMISSION: By shielded UJ assembly to Selectatilh transmission via safety clutch. Final drive to rotor by 1½ pitch (#120) chain. All gears machine cut and heat treated

DEPTH CONTROL: By twin skids. (Depth control wheels optional)

ROTOR SPEEDS: 156, 175, 196, 220

SHIPPING WEIGHT: 40" 628 lbs.
50" 727 lbs.
60" 815 lbs.
70" 838 lbs.



HL SERIES

POWER RANGE: Designed for use with tractors in the 17 to 35 H.P. range.

LINKAGE: Category I-II 3-point linkage

TILLAGE WIDTH: 40" & 50" offset or centrally mounted.

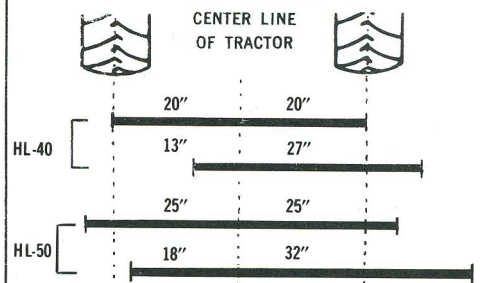
DEPTH: Adjustable to 7" maximum by twin depth control skids.

TRANSMISSION: By shielded U.J. assembly to single speed gearbox. Final drive to rotor by 1¼" pitch (#80) chain.

ROTOR: Four or six blades per flange.
40" model 24 blades per machine
50" model 30 blades per machine

BLADES: L blades. Formed from chrome alloy steel and heat treated.

SHIPPING WEIGHTS: HL40 540 lbs.
HL50 580 lbs.





J SERIES

POWER RANGE: For 15 to 28 PTO h.p. with maximum engine capacity of 100 cu. inches or 75 Ft/lbs. torque.

LINKAGE: Category I-3 Point Linkage

WIDTH OF TILLAGE: 32", 40" or 50" Centrally mounted.

DEPTH OF CUT: Adjustable to 7" maximum by twin depth control wheels, or skids.

TRANSMISSION: By shielded U.J. assembly to single speed 1.5:1 ratio gearbox for use with 540 PTO only. Final drive to rotor by 1" pitch, high-fatigue capacity chain.

Special Reverse gearbox available for Kubota B,6000

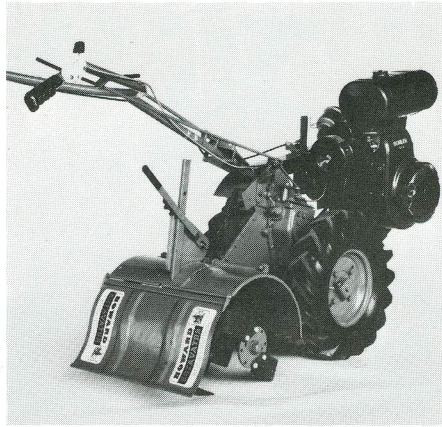
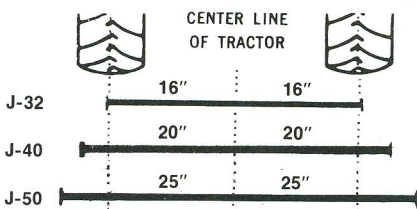
SHEAR PIN: standard on J-32. Shearpin and clutch optional on J-40 & J-50.

ROTOR: Four blades per flange, operating at 240 r.p.m. at 540 PTO speed. Rotor speeds with optional 9-tooth drive sprocket.

540 r.p.m. PTO = 162 r.p.m. Rotor speed
 800 r.p.m. PTO = 240 r.p.m. Rotor speed
 840 r.p.m. PTO = 252 r.p.m. Rotor speed
 1000 r.p.m. PTO = 300 r.p.m. Rotor speed

SHIPPING SPECIFICATIONS: Each machine fully cartoned with pallet base.

Model	Weight	Length	Width	Height
J32	510	50	28	28
J40	550	60	28	28
J50	590	60	28	28



"350" SERIES

ENGINE: Kohler K141T, 4 cycle, side valve, air cooled gas engine. Max. B.H.P. 6.2 Hp. @ 3,600 r.p.m. Replaceable dry type air cleaner. "Easy-Spin" recoil starter, standard equipment.

CLUTCH: Cone-type.

TRANSMISSION: V-belt pulley to gear box. Bullwheel and pinion gears to landwheels and 5/8" pitch roller chain to rotor.

TRAVEL SPEEDS: 3600 r.p.m.: Low Range .75 & 2.5 m.p.h. Hi Range 1.65 & 5.0 m.p.h. Reverse 1.3 & 2.6 m.p.h.

CONTROLS: 1. Throttle Control by lever and cable. 2. Clutch Control by cable and lever. 3. Gear Lever by central rod, including spring-out safety reverse. 4. Rotor Selector by hand lever. 5. Depth Control by adjustable hand lever.

HANDLEBARS: Adjustable for height. Swinging handlebars.

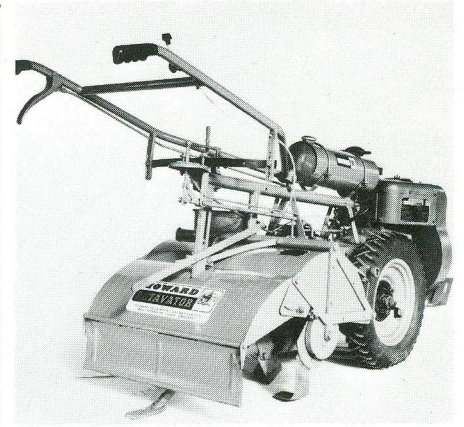
ROTOR WIDTHS: 16 in. or 23 in. cutting width. Rotor diameter 12 in. The 23 inch extensions and side shields are supplied as optional extras.

TILLAGE DEPTH: Adjustable down to 6".

WHEELS: Wheels 4.00 x 8 tractor tread tires. Tire Pressure 20 lb/sq. in.

DIMENSIONS: Length 61 in. Minimum height (to top of handlebars—blades on ground) 38 in. Overall width at rotor level 17 1/2 in.

WEIGHT: 16" Model—324 lbs.
 23" Model—345 lbs.



GEM SERIES

ENGINE: Wisconsin AENL developing . . . 9.2 hp and Wisconsin TJD developing . . . 15.2 hp.

CLUTCH: Heavy duty dry plate.

TRANSMISSION: Three speed forward and safety reverse. Machine cut gears hardened and running in oil. All shafts mounted on ball bearings. Differential for easy turning and automatically locked when rotor is engaged.

ROTOR WIDTHS: Widths 20"—24" and 30". 30" model is fitted with dual wheels and depth control wheel as standard equipment.

TILLAGE DEPTH: Adjustable down to 9 in.

TRAVEL SPEEDS: 1st Gear—87 mph; 2nd Gear—1.3 mph; 3rd Gear—2.82 mph; Reverse—1.69 mph.

OVERALL DIMENSIONS: Length 6'8"; Width with 20" rotor 2'1"; Width with 30" rotor 2'11".

WEIGHT 20" Model c/w AENL 709 lbs.
 20" Model c/w TJD 830 lbs.
 24" Model c/w TJD 853 lbs.
 30" Model c/w TJD 1007 lbs.

ATTACHMENTS: (Optional at additional cost) Furrowing Attachment. Pickline Rotor.

We reserve the right to change specifications at any time.



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Harvard, Illinois 60033

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and Savannah, Ga.



ROTAVATOR BIG BALER V-CHISEL POWER-ARM SPIKE ROTOR PEAR LOADER MAGNATE TURF-QUAKER ROTAVATOR