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J-Mac International, LLC

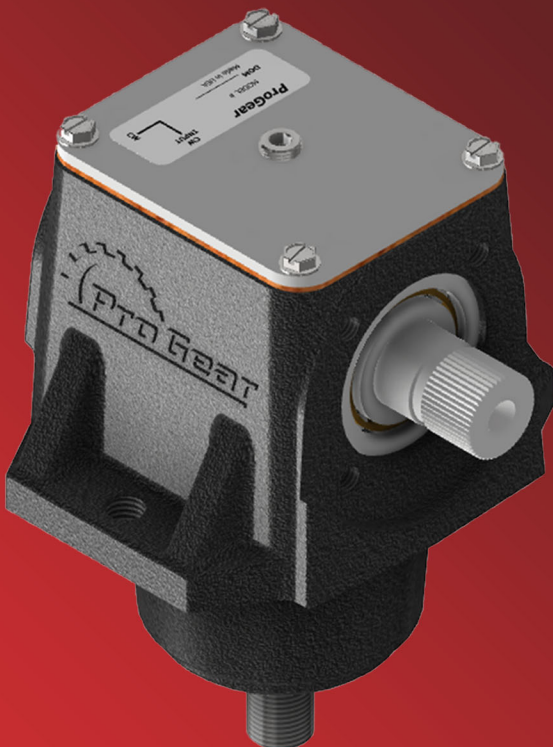
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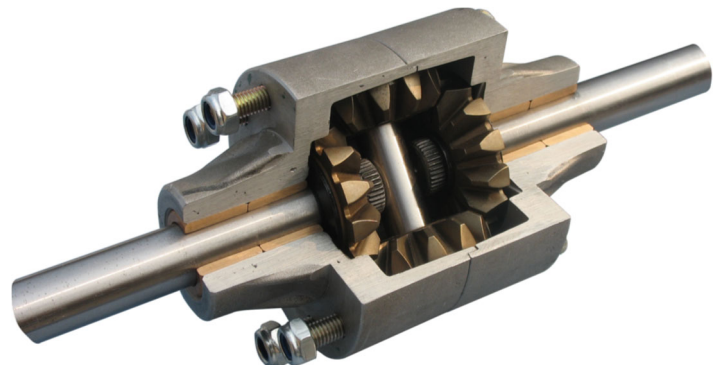


FEATURES

- Die cast aluminum housing
- Automotive type bevel gears
- Axle shafts – 3/4" or 1" diameter
- Axle ends – to customers specifications
- Bushing – axles rotate on bushings
- Sprockets – optional
- High carbon steel bolt – for higher capacity

SPECIFICATIONS

Output torque	150 ft-lbs (203 N-m)
Tire size (3/4" axle)	18" (457.2 mm) max.
Tire size (1" axle)	20" (508.0 mm) max.
Weight on differential	400 lbs (181.5 kg) 3/4" 600 lbs (272.3 kg) 1"
Lubrication	Grease





FEATURES

- Die cast aluminum housing
- Automotive type bevel gears
- Axle shafts – 1" diameter
- Axle ends – to customers specifications
- Bushing – axles rotate on bushings
- Sprockets – optional
- High carbon steel bolt – for higher capacity

SPECIFICATIONS

Output torque	150 ft-lbs (203 N-m)
Tire size (1" axle)	20" (508.0 mm) max.
Weight on differential	600 lbs (272.3 kg)
Lubrication	Grease



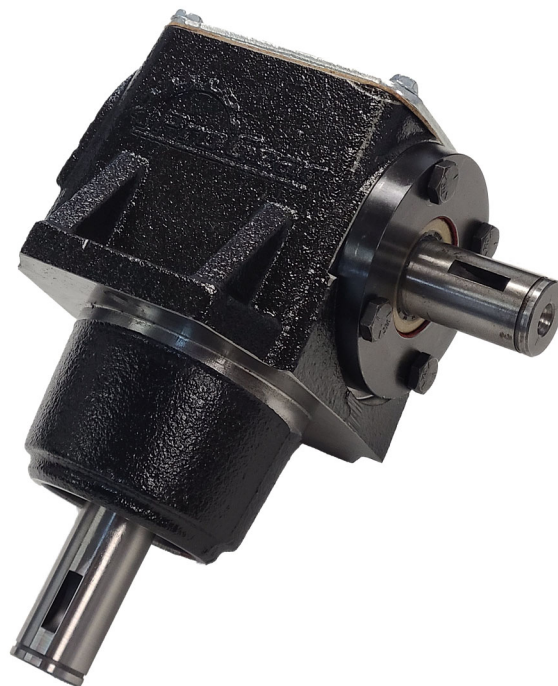


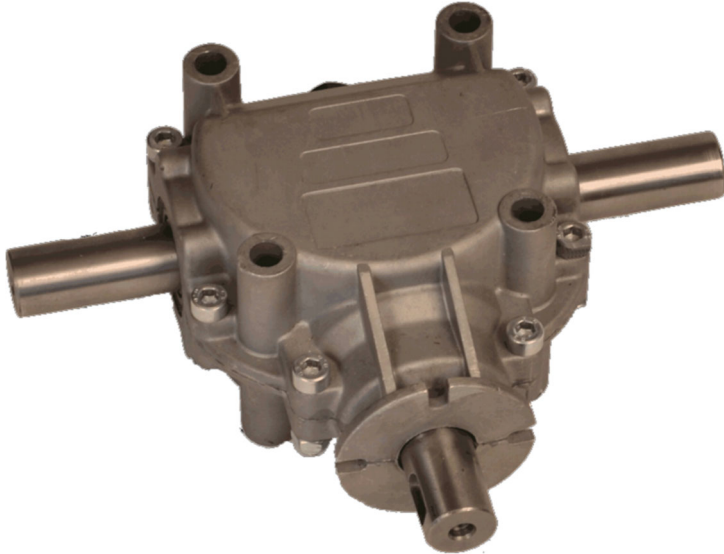
FEATURES

- Ductile iron casting
- Bevel gears designed for low noise - up to 7 dBA quieter than straight bevel gears
- Shaft ends – woodruff key, serrated or splined
- Shafts – to customers specifications
- Ball bearings
- E-coated housings
- Available in Right Angle and T-drive configurations

SPECIFICATIONS

Horsepower	13 hp
Lubrication	EP-90 gear oil
Max input speed	3,600 rpm
Gear ratios	1.2:1, 1:1
Static torque	100 ft-lbs (135.6 N-m)



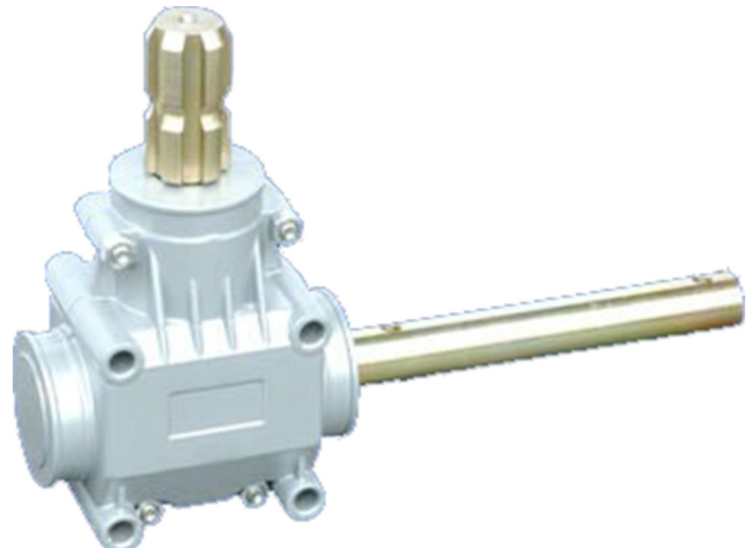


FEATURES

- Die cast aluminum housing
- Straight bevel gears – cut steel
- Shaft ends – woodruff key, serrated or splined
- Shafts – to customers specifications
- Ball bearings

SPECIFICATIONS

Horsepower	10 hp to 23 hp
Lubrication	EP90 gear oil



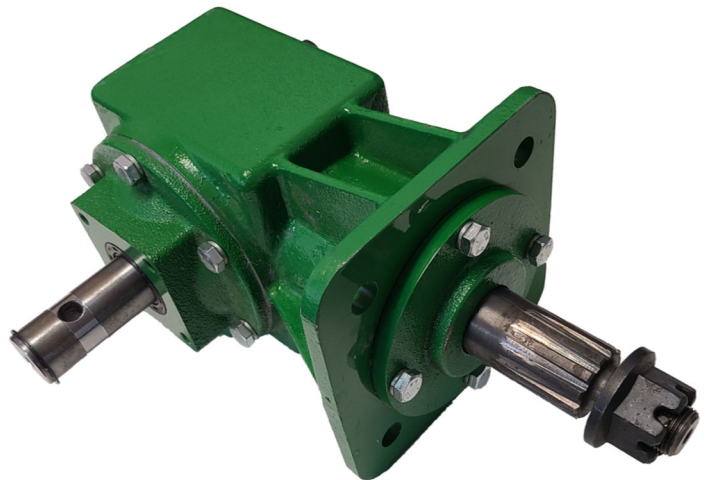


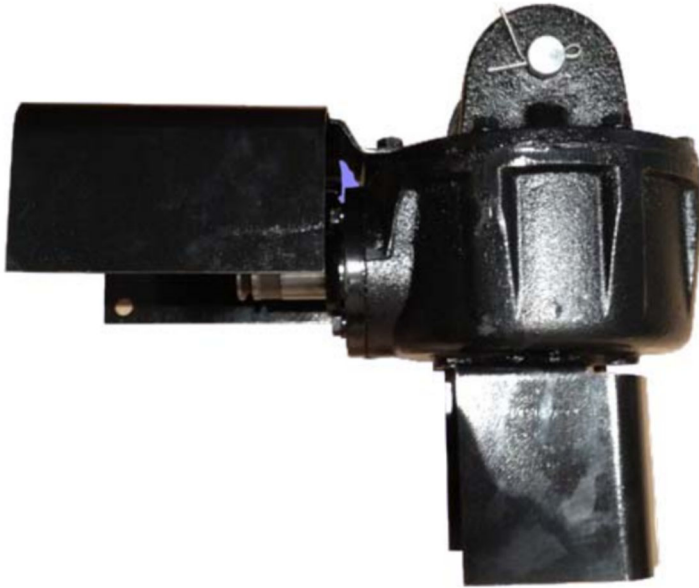
FEATURES

- Ductile iron housing
- Straight bevel or spiral bevel gears – forged blanks, precision machine cut
- Shaft ends – straight, woodruff key or splined
- Ball or tapered roller bearings
- Applications– rotary cutters, finishing mowers, rotary slashers

SPECIFICATIONS

Ratios	1:1.47, 1:1.69, 1:1.93
Horsepower	45 hp, 65 hp, 75 hp
Lubrication	Gear oil





FEATURES

- Ductile iron housing
- Straight bevel gears – forged blanks, precision machine cut
- Shaft ends – straight or splined
- Shafts - to customers specifications
- Ball bearings
- Shaft shields - standard

SPECIFICATIONS

Ratios	2.93:1
Horsepower	45 hp
Lubrication	Oil



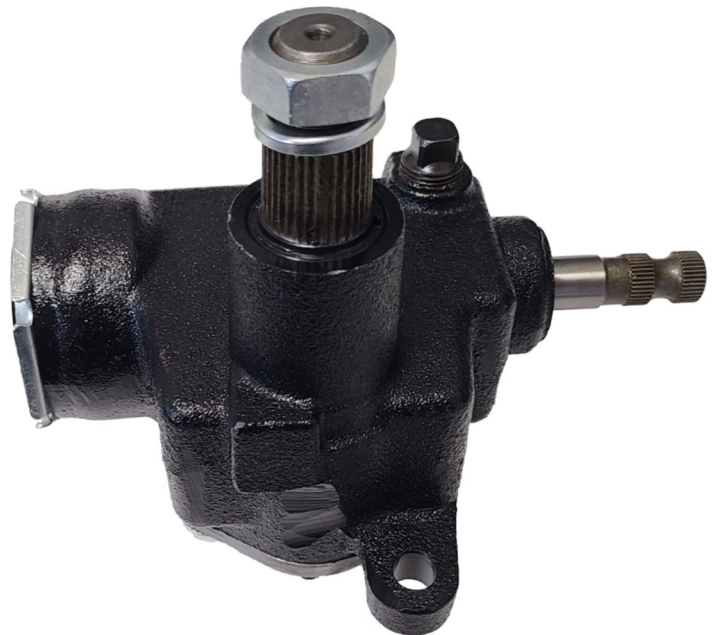


FEATURES

- Ductile iron housing
- Gears ratio – 20:1 standard (optional ratios available)
- Shaft ends – serrated or splined
- Steering column shafts– to customers specifications
- Steering axle load ability: 3.5 tons

SPECIFICATIONS

Ratios	20:1
Lubrication	Oil





FEATURES

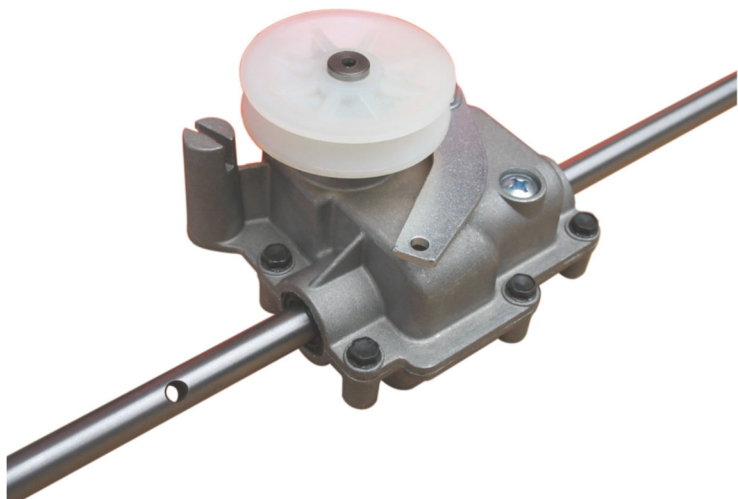
- Slip clutch rotary tiller PTO shaft (4, 5 & 6 ft.)
- Cutter PTO shaft (4 & 5 ft.)
- Post hole digger PTO assembly
- Complete PTO assembly
- Special PTO shafts built to customers specifications.



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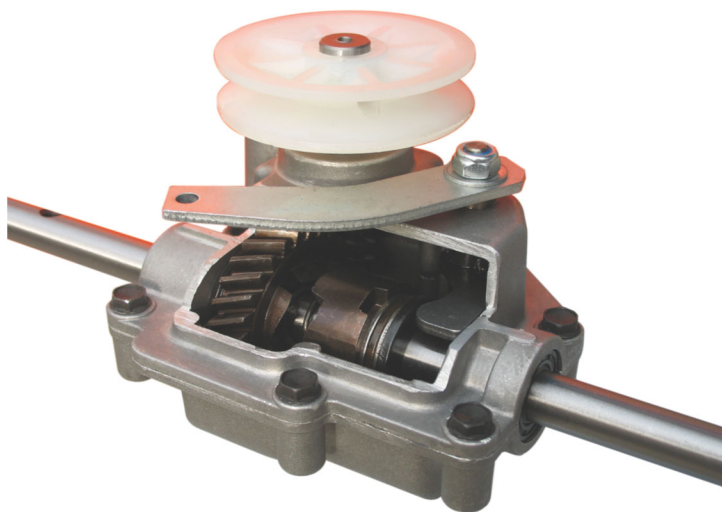


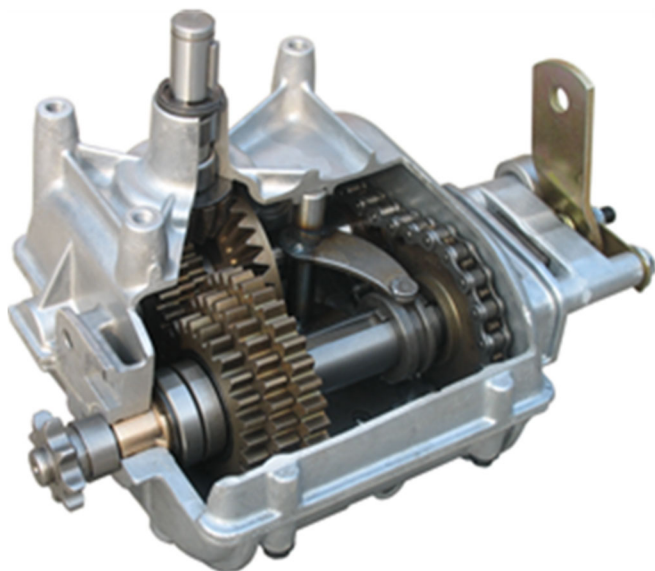
FEATURES

- Die cast aluminum housing
- Ball bearings on input shaft
- Axle- 12mm diameter
- Heat-treated sintered metal gears
- Axle rotations – clockwise & counterclockwise
- Clutch – dog

SPECIFICATIONS

Input speed	3,000 rpm max.
Gear ratio	9:1
Speeds	Single speed
Output torque	7.4 ft-lbs (10 N-m)
Lubrication	Geal oil



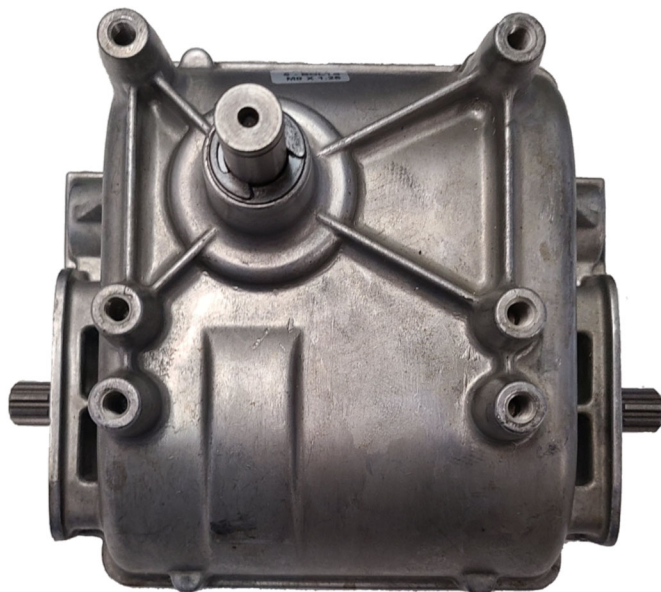


FEATURES

- Die cast aluminum housing
- Gears – sintered metal or steel cut
- Shift keys – 2 or 4 keys
- Output with sprocket & brake
- Output with 9-tooth splines or 16T serrations
- Ground speeds – up to 5 forward & 1 reverse
- Input shaft – 5/8" diameter
- Needle bearings – input
- Bushings – output shaft
- Improved – 1 piece input/gear shaft

SPECIFICATIONS

Output torque	24 ft-lbs (32 N-m)
Input speed	2,400 rpm max.
Brake	Either side of transmission
Forward ratios	9.2:1, 7.0:1, 6.0:1, 4.5:1, 3.5:1, 3.0:1, 2.8:1, 2.4:1, 2.0:1, 1.8:1
Reverse ratio	6.0:1
Lubrication	Grease



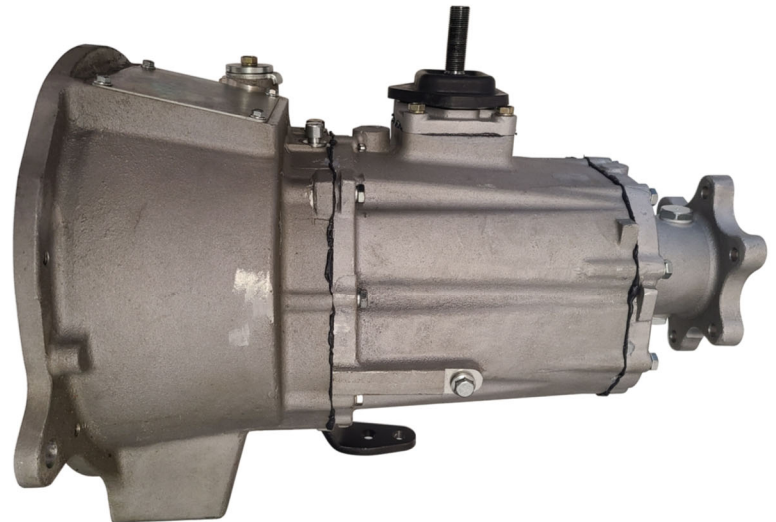


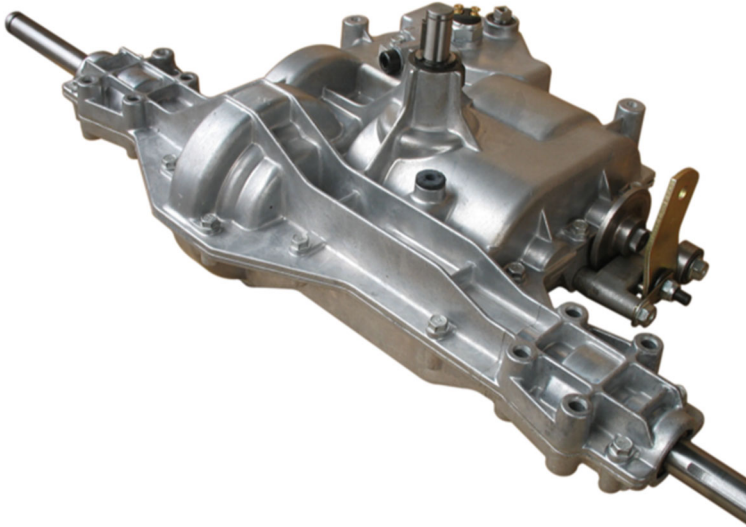
FEATURES

- Cast aluminum housings
- Steel cut helical gears
- Synchromesh shifting
- Roller & thrust bearings
- Heavy duty automotive type flywheel, clutch & pressure plate
- Ground speeds – 4 forward & 1 reverse
- Belt drive input or special input to meet customer specifications
- Splined output shaft
- Optional 5 forward speeds and 1 reverse

SPECIFICATIONS

Output torque	110.6 ft-lbs (150 N-m)
Input speed	2,000 rpm
Forward ratios	• 3.85:1 - 1st • 2.10:1 - 2nd • 1.34:1 - 3rd • 1.00:1 - 4th • Special ratios available to meet customer specifications
Reverse Ratio	1.75:1
Lubrication	Oil



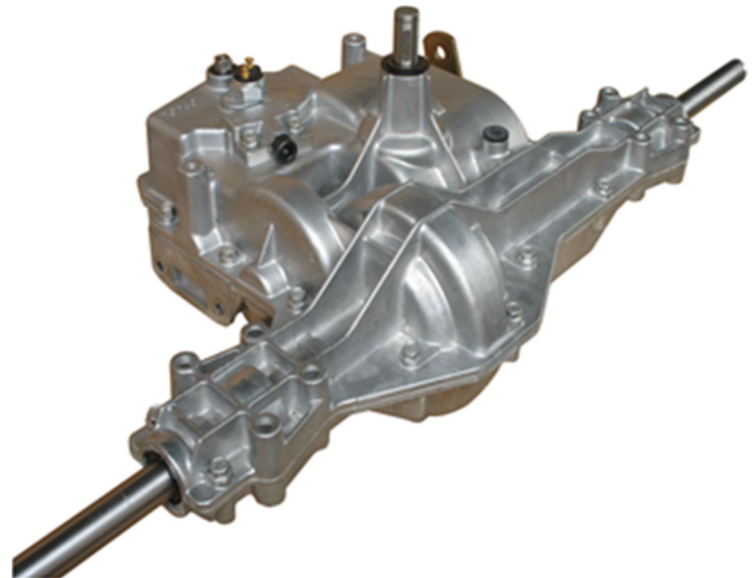


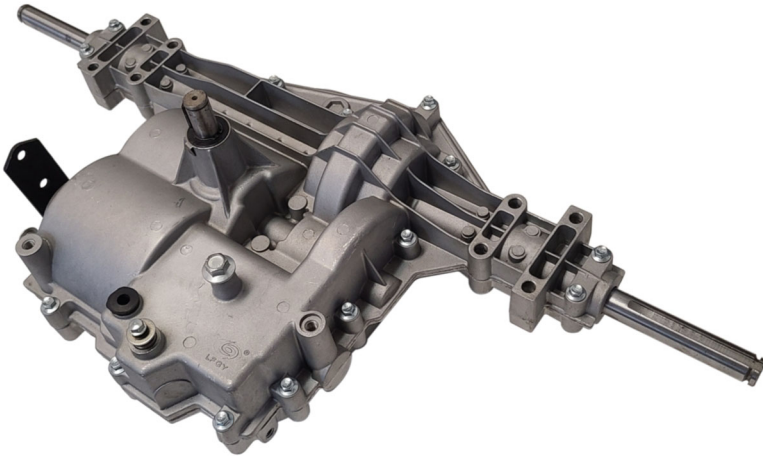
FEATURES

- Die cast aluminum housing
- Gears – sintered metal & heat treated
- Shift keys – 2 or 4 keys
- Ground speeds – up to 5 forward & 1 reverse
- Axles – 3/4" (19.05 mm) diameter
- Input shaft – 5/8" diameter
- Needle bearings – input
- Differential
- Service brake
- Optional bearings on axles
- Neutral switch - optional

SPECIFICATIONS

Output torque	150 ft-lbs (203 N-m)
Input speed	2,000 rpm max.
Brake	Either side of transmission
Weight over axles	525 lbs (238 kg) max.
Lubrication	85W-140 oil



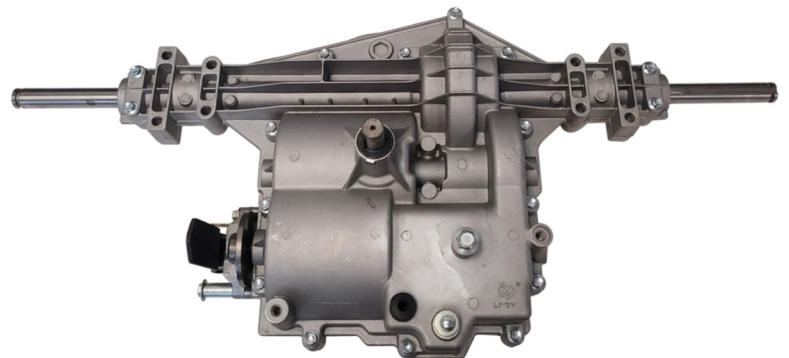


FEATURES

- Die cast aluminum housing
- Gears – sintered metal & heat treated
- Shift keys – 2 or 4 keys
- Ground speeds – up to 6 forward & 1 reverse
- Axles – 3/4" (19.05 mm) diameter
- Input shaft – 5/8" diameter
- Needle bearings – input
- Differential
- Service brake
- Optional bearings on axles
- Neutral switch - optional

SPECIFICATIONS

Output torque	230 ft-lbs (312 N-m)
Input speed	2,000 rpm max.
Brake	Either side of transmission
Weight over axles	525 lbs (238 kg) max.
Lubrication	85W-140 oil





FEATURES

- Ductile iron housing
- Dual worm gear drives
- Single horizontal input

SPECIFICATIONS

Forward input speed	1450 rpm
Reverse input speed	1750 rpm
Input rotation	CW/CCW
Gear ratios	7.5:1 (tines), 62:1 (wheels)
Engine	6.5 hp to 7 hp (8.5 ft-lbs)
Lubrication	Gear oil





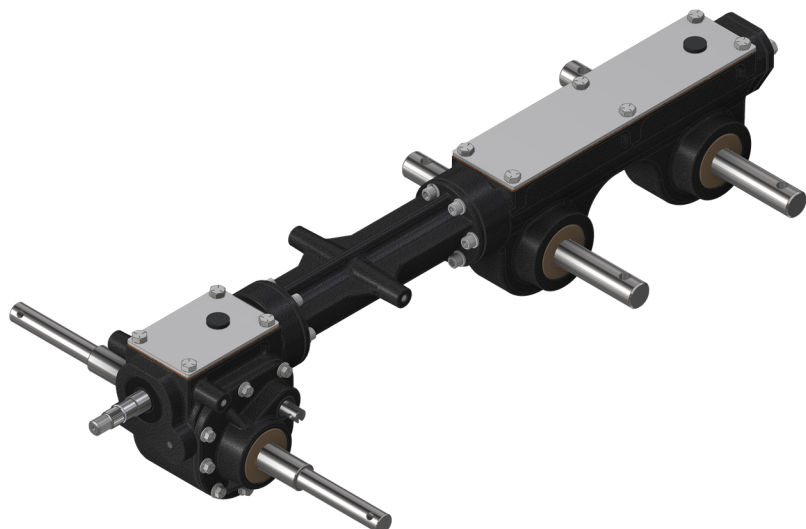
FEATURES

- Steel housing
- Chain drive
- Single horizontal input

SPECIFICATIONS

Input speed	160 rpm max.
Gear ratios	1:5
Engine	6.5 hp to 7 hp
Lubrication	Geal oil



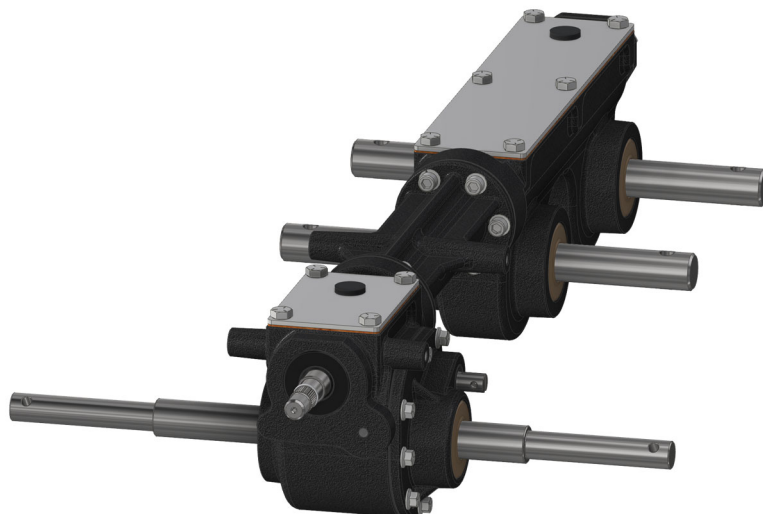


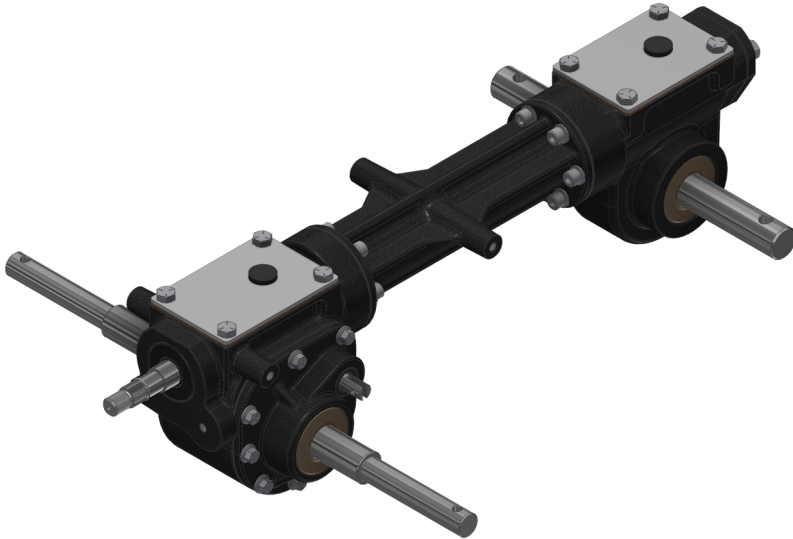
FEATURES

- Patented counter rotating dual tine transmission - provides easy tilling & superior results
- Transmission housings: ductile iron, black paint finish
- Triple worm gear drives
- Single horizontal input
- Splined input shaft with threaded end
- Tapered roller bearings and needle roller bearing - input shaft
- Ball bearings - output shafts
- Steel worms and bronze worm gears
- Wheel disconnect - for engine starting & moving tiller without engine running
- Tine and wheel shaft seals - heavy duty seals with metal debris guard

SPECIFICATIONS

Input rotation	CW (forward) /CCW (reverse) - viewed from end of shaft
Forward input speed	1,450 rpm
Reverse input speed	1,750 rpm
Input torque	24.8 ft-lb (33.6 N-m)
Gear ratios	7.5:1 (tines), 61:1 (wheels)
Lubrication	GL-4 gear oil with viscosity of SAE 85W-140



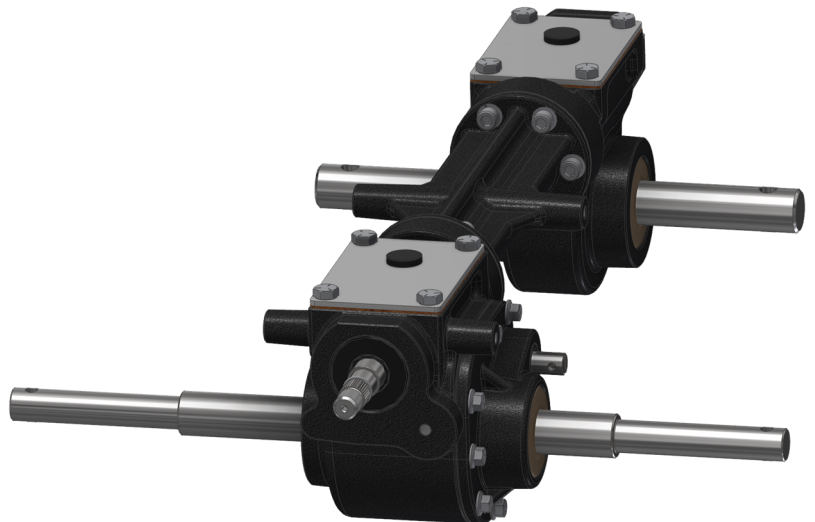


FEATURES

- Single tine transmission
- Transmission housings: ductile iron, black paint finish
- Dual worm gear drives
- Single horizontal input
- Splined input shaft with threaded end
- Tapered roller bearings - input shaft
- Ball bearings - output shafts
- Steel worms and bronze worm gears
- Wheel disconnect - for engine starting & moving tiller without engine running
- Tine and wheel shaft seals - heavy duty seals with metal debris guard

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Gear ratios	7.5:1 (tines), 61:1 (wheels)
Lubrication	GL-4 gear oil with viscosity of SAE 85W-140





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