

MPT™ SERIES POWER TAKE-OFFS AND MGX™ SERIES GEARBOXES

Cummins-Meritor's split-shaft power take-off units (PTOs) and creeper drives are specifically designed for severe-duty, high-torque and all-wheel drive configurations across a broad range of applications:

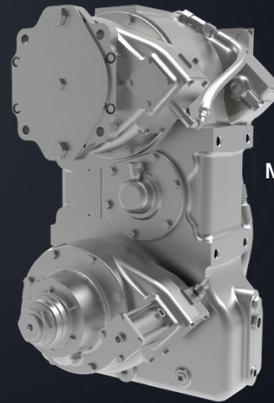
- Construction and utility
- Defense and military
- Hydro excavation
- Oil field service
- Severe service
- Fire and rescue
- Agriculture
- Rail car

MPT SERIES

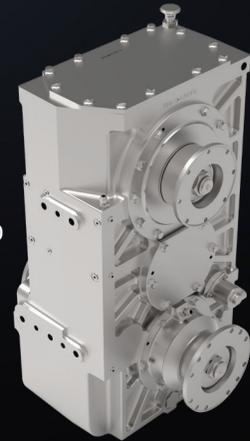
Single-speed, three- or two-shaft power take-off units with varying ratios and modular output options capable of handling high horsepower (HP) and revolutions per minute (RPM) input speeds.

FEATURES AND SPECIFICATIONS

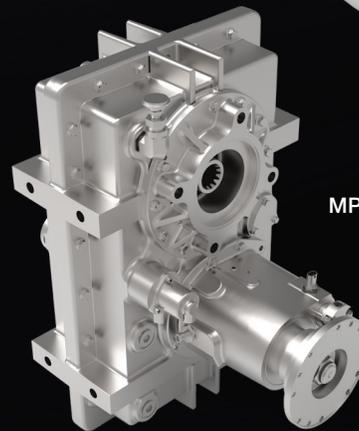
	MPT-180/ MPT-180-23	MPT-500	MPT-518A
Speeds	Single		
Shafts	3		2
Ratios	1:1	1:1, 1:1.13, 1:1.27, 1:1.48, 1:1.49, 1:1.67	1:1.03, 1:1.17, 1:1.29, 1:1.43, 1:1.58, 1:1.75
Horsepower	600 HP	650 HP	600 HP
Speed	3,000 RPM	3,500 RPM	
Output location	Upper, front/rear	Upper and middle, front/rear	Upper, front/rear
Input-output rise	16.25 in/23.3 in	17 in	10.33 in
Input torque rating	18,000 lbs-ft	30,000 lbs-ft	18,000 lbs-ft
Oil pump	Standard		
PTO shift	Air		



MPT-180



MPT-500



MPT-518A



Meritor

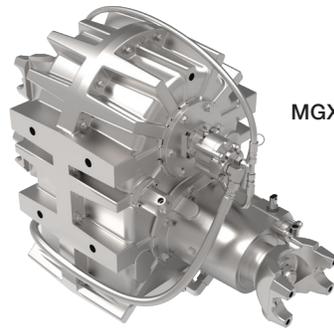
MGX CREEPER DRIVES

MGX-466

Designed to work in conjunction with the driveline to provide an alternate method of propulsion for low speed, high-torque creeping applications.

MGX-479

Combination drop-style transfer case and creeper drive features dual input modes using the vehicle's engine for road mode or a hydraulic motor for creep mode. In road mode, power into the front top shaft, out of the bottom shaft to the rear axle. In creep mode, a hydraulic motor drives an air engaged planetary reduction opposite the input shaft. Features a three-shaft design, alternate creep drive ratios and an optional front axle disconnect for off-road applications.



MGX-466



MGX-479

FEATURES AND SPECIFICATIONS

- Combination transfer case and creeper drive
- Rear axle disconnect, creep drive engagement, input driven pump drive
- Permits hydraulically driven, low-creep speed operations while providing pump drives for creep and other machine functions

	MGX-466	MGX-479
Speeds	Single	
Shafts	2	3
Ratios	2.5:1, 1:1	15.39:1
Horsepower	600 HP	650 HP
Speed	3,000 RPM	
Output location	Lower rear	Lower front and rear
Center distance	8.46 in	16.92 in
Input torque rating	12,000 lbs-ft	
Proportional differential	N/A	
PTO	N/A	
Declutch	Engine	Optional
Lubrication	Splash	Customer provided remote pump
Options	Aluminum housing	Aluminum housing, other ratios available



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