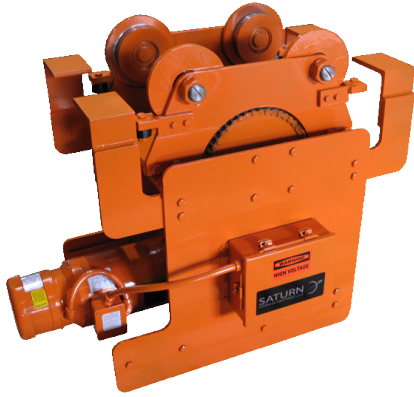
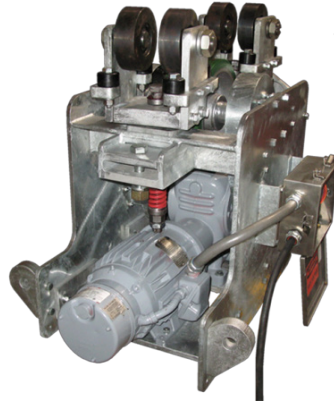


CUSTOM DRIVE TRACTORS

SATURN's Extra Heavy Duty T-200 Units are always custom designed and built to meet the specific need. These 2HP to 5HP units are typically used on higher capacity, higher speed and/or incline applications. Many times, a positive drive mechanism is included in the design of these tractors. See also clutch engage, manual release and direct drive tractors below.



**T-200
EXTRA HEAVY
DUTY TRACTOR**

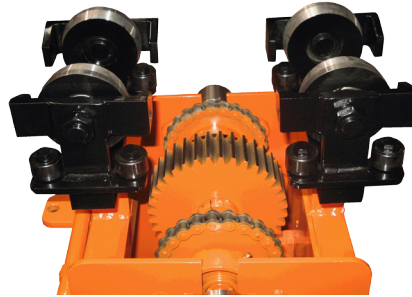


**T-200-AT
EXTRA HEAVY DUTY
ARTICULATING TRACTOR**

POSITIVE DRIVE TRACTORS

SATURN's Positive Drive "PD" tractors are utilized when high draw bar pulls and/or severe working environments can cause nuisance slipping for a standard tensioned drive tractor. These slip free units are excellent choices for precise load positioning or for pulling a load up an incline.

SATURN builds two types of "PD" tractors; Chain & Sprocket and Rack & Pinion Styles, both as equally effective.



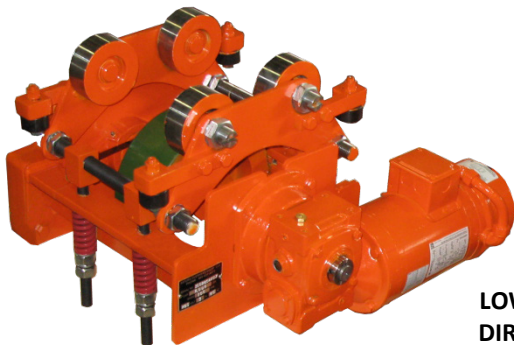
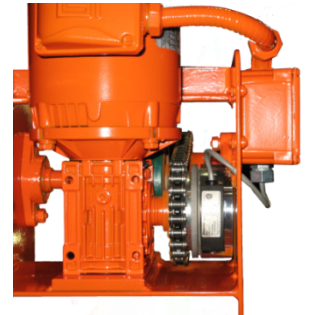
RACK-N-PINION



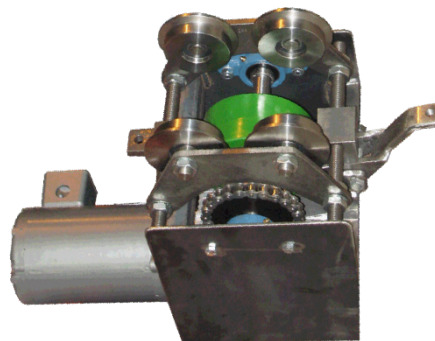
CHAIN-N-SPROCKET

CLUTCH ENGAGE DRIVE TRACTORS

SATURN's Clutch-Engage Tractor allows the tractor to be manually pushed along its monorail. The design incorporates a sprocket clutch to engage our typical mechanical drive (motor/reducer). The tractor stays squeezed to the beam at all times but it can be pulled along with very small effort from its normal resting state when the clutch is not engaged. To drive a load, the clutch is first engaged electrically.



**LOW PROFILE
DIRECT DRIVE
TRACTOR**



**TRACTOR WITH
MANUAL TENSION
RELEASE ARM**