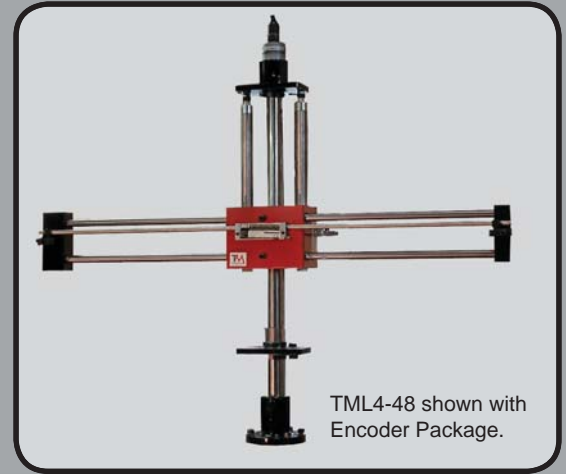


TITANMATE[®] OPTIONAL PACKAGES

POSITION SENSING

The TML3 Series and TML4 Series can be equipped with optional **precision encoders** for positional readout. Vertical and horizontal movement is covered by linear encoders that can be fit to most any length. A rotary encoder is used to read rotation of the arm. This system is **ideal for applications where position feedback is required.**

Please contact Titan Tool Company regarding further specifications, pricing, and availability of Encoder Packages.



HIGH TORQUE

Many applications have high torque requirements. The TitanMate **TMAR4-56** torque arm can be modified to accommodate up to **800 ft/lbs. of torque.** The lower arm is replaced with a **solid aluminum arm** and the upper arm is fitted with **reinforcing plates.** A **heavy duty base, heavy duty bearings, and pins** are added. The lift package is upgraded with larger **cylinders and cylinder brackets.** The bearing tubes and plates are **welded** together for a result that is **extremely rigid and capable.**

Please contact Titan Tool Company regarding further specifications, pricing, and availability of High Torque Packages.



PNEUMATIC ASSIST PACKAGES

LIFT ASSIST

The TMAR4 Articulating Arm has a gas spring and adjustable pneumatic cylinder as standard. Adding **larger dual acting cylinders** and **custom valving** allows loads up to **110 lbs.** be **positioned quickly and safely.**

The TML4 and TML3 Series Linear Arms can be equipped with controls to provide **lift assist, downward pressure, and zero balance.**

DRILLING ASSIST

The TMAR4 Series can be fitted with a custom package to create up to **125 lbs. downward pressure to facilitate operations such as drilling.**

Please contact Titan Tool Company regarding further specifications, pricing, and availability of Pneumatic Assist Packages.

