

MC-16R and MC-36R Manual Tool Changers



MC-16R
Manual Tool Changer

Product Description

The MC-16R and MC-36R Manual Tool Changers provide a cost-effective solution for quickly changing tools by hand. They feature a unique design that combines high strength and excellent repeatability. The Manual Tool Changers include multiple fail-safe features, including a patented screw-cam locking mechanism that prevents unwanted loosening due to vibrations. These robust and compact Manual Tool Changers accommodate payloads up to 80 lbs (36 kg) with options to accommodate pass-through electrical signal and pneumatic utilities.

Product Features

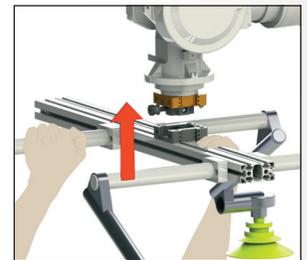
Compact and robust design delivers high strength-to-weight carrying capacity.

Fully-threaded all-steel locking mechanism.

Ratchet knob assures security in the locked position.

Integrated pass-through pneumatic ports.

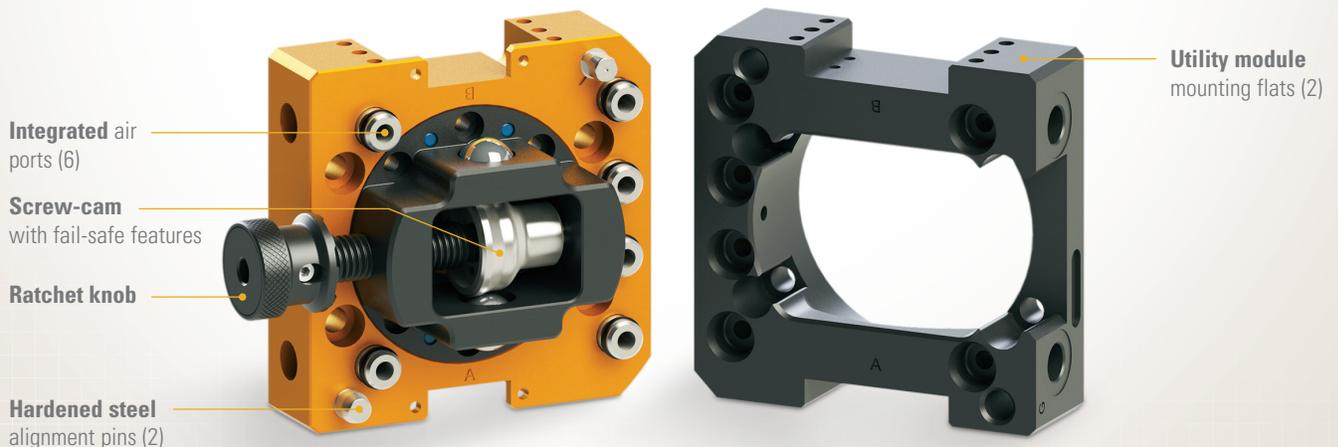
Exterior mounting flats for optional ATI Standard Series Tool Changer Utility Modules.



Bring tooling to Master.



*Tighten knob to secure.
Unscrew knob to unlock.*



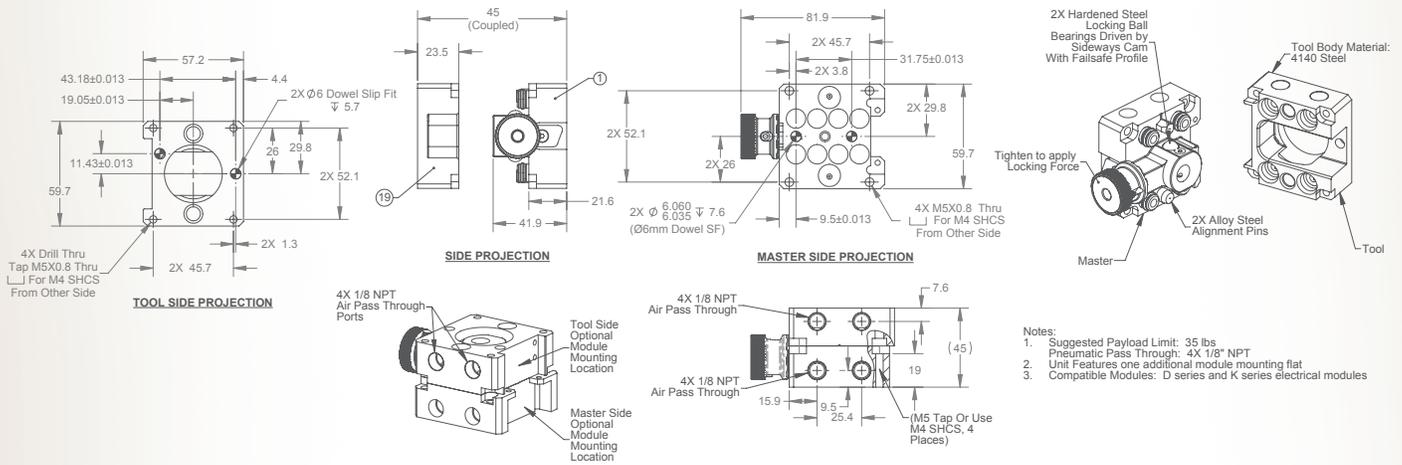
MC-36R Master-side (left) and Tool-Side (right)

Specifications	MC-16R	MC-36R
Suggested Payload Limit	35 lb (16 kg)	80 lb (36 kg)
Static moment capacity – X and Y	220 lbf-in (25 Nm)	1000 lbf-in (110 Nm)
Static moment capacity – Z	400 lbf-in (45.2 Nm)	1500 lbf-in (169 Nm)
Weight – when coupled (no accessory modules)	1.62 lb (0.735 kg)	3.85 lb (1.75 kg)
Pneumatic pass-through ports (qty) size	(4) 1/8 NPT	(6) 1/8 NPT
Additional pass-through utilities	1 Flat	2 Flats

ATI reserves the right to change these specifications.

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Drawing # 9630-20-MC16R-02



MC-36R Manual Tool Changer

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