



Heavy Duty Tire Machine for Heavy Military Vehicles

Patented Solution for Military Run-Flat Tires. TOR-X is a robust and highly efficient tire machine, designed and manufactured in Italy for handling heavy Run-Flat tyres with reinforced internal support rings, specifically for military and armored vehicles.

Description

Designed for the demanding requirements of military and armoured vehicles, TOR-X is a robust, efficient solution for changing heavy-duty Run-Flat tires with reinforced rubber inner ring. Engineered and manufactured in Italy, this tire machine handles the specialised needs of military vehicles with wheels equipped with internal support rings, ensuring durability, reliability, and safety in the field.

Key Features:

1. **Effortless Run-Flat tire Handling:** designed for disassembling and assembling the internal hard-rubber toroidal support of Run Flat tires of heavy military vehicles wheels with security inner ring, TOR-X quickly and efficiently removes and installs the internal hard-rubber toroidal support.
The standard equipment enables quick and effortless removal of the solid band inside military and armoured tires.
2. **Hydraulic Precision:** Operated by an intuitive control console with joysticks, the hydraulic system enables precise movement of the operating tool-carriage in all directions (up-down and left-right), facilitating safe and efficient extraction and insertion of the toroid.
3. **Automatic Mount-Demount Tool:** Provides an expanding puller with automatic rotation, compression, and expansion for streamlined operation.
4. **High Capacity & Power:** The powerful electro-hydraulic control unit embedded guarantees total working autonomy.
Handles wheels from 16" to 24" in diameter, with a maximum wheel width of 620 mm and wheel weight of up to 1500 kg. Equipped with a powerful 3 kW pump motor and 200 bar operating pressure for high performance.
5. **Built for Ease & Safety:** TOR-X minimizes the need for physical handling of the wheel assembly, reducing the operator's workload and enhancing safety.

No need to lift or twirl the tire + toroid assembly.

No need to touch the tire + toroid assembly during the extraction and insertion phases.

Why Choose TOR-X?

TOR-X tire machine provides an advanced solution tailored for military applications, combining safety, ease of use, and Italian engineering excellence. With its high-volume capacity and no need to touch the tire + toroid assembly during extraction, TOR-X ensures a high level of safety and efficiency.

Engineered for heavy-duty & military wheels, this tire machine stands as a robust and space-saving solution for demanding military vehicle maintenance.

Thanks to the high-performance electro-hydraulic control unit, TOR-X operates autonomously, offering a reliable and space-saving addition to any military vehicle maintenance setup.

Standard Features

Rim clamping range	16" - 24"
Max. tire diameter	1400 mm
Max. tire width	620 mm
Max. outer toroid diameter	38"
Min. inner toroid diameter	16"
Max. spreader power	77000 N
Operating pressure	200 bar
Power supply	400V 3ph 50Hz
Pump motor power	3 kW
Net weight	798 kg
Max. tire assembly weight	1500 kg
Max overall dimensions	1400 x 1800 ÷ 1940 x 1300H







Scan QR code to go to product web page



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