

T 10000 FSC

GENERAL CHARACTERISTICS

Weight of machine	37 t
Max. lifting capacity (on track)*	9000 daN (7.3 m over front) - 6600 daN (7.3 m over side)
Max. lifting capacity (on rail)*	9000 daN (7.3 m over front) - 5000 daN (7.3 m over side)
Telescopic counterweight	Standard

TECHNICAL SPECIFICATION

Engine	DEUTZ D.I. turbocharged
Rated power output	112 kW @ 2300 rpm
Number of cylinder / displacement	6 / 6472 cm ³
Cooling	Air

HYDRAULIC SYSTEM

Pumps	Two variable axial piston pump-power control
Max. discharge flow	184 + 184 l/min.
Max. pressure	350 bar
Hydraulic oil cooling	Air-oil

TRAVEL SYSTEM ON TRACK

Type	Extended track system
Drive motors	Independent axial piston, two step
Brakes	Disc parking brakes for each side
Track shoes width	550 mm
Travel speed	0-1.5 km/h - 0-3 km/h

TRAVEL SYSTEM ON RAIL

Type	Full hydraulic transmission
Drive motors	Independent radial piston for each wheel, two step
Brakes	Drum service & parking brakes for each wheel
System brakes	Front & rear independent circuit
Front rail axle	Swinging / hydraulic lock swing cylinder
Travel speed	0-10 km/h - 0-20 km/h
Driving cab - seat	Steel sheet / sound insulated - adjust. seat
Fuel tank capacity	210 l
Total hydraulic system capacity	350 l

* Lifting capacity without safety factor in standard configuration, counterweight fully extended.

Standard accessories: Hydraulic rotator 360° for accessories, Lifting hook, Electronic system for load control.

Optional: Air conditioner, Automatic air conditioner, Radio, Catalytic converter, Electronic system for load control, Electro hydraulic generator, Magnetic plate, Rear vision electronic device.

Colmar reserves the right of amending the data contained in this brochure at any time.



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TRACKED RAILROAD EQUIPMENT FOR RAILWAY MAINTENANCE

T 10000 FSC

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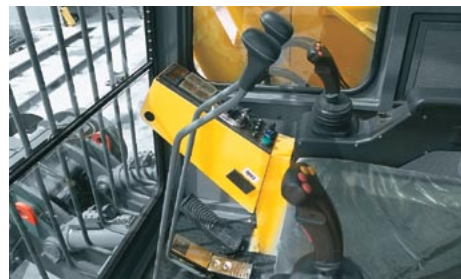


Colmar **T 10000 FSC** tracked railroad equipment are used for the construction and maintenance of railway lines.

The machines can be equipped with various accessories: rail pinchers, hydraulic or mechanical frame beam for moving sleepers; tamping unit; pincers for different usage; hydraulic hammer; hydraulic bush-grass cutter.



HIGH PERFORMANCE TRACKED EQUIPMENT FOR MULTIPLE USAGES



Operator's Cab

Steel cab, high visibility, with safety tinted glass. Ergonomic seat for the operator and a seat for assistant. Control lever at side of the operator's seat, individually track operated foot pedal / hand lever.

The control board includes:

- Engine oil pressure gauge
- Fuel gauge
- Hour meter
- Light and indicators for regular working.

Turret Rotation

The turret rotation can be limited to the right or left in respect to the longitudinal axis of the loader, up to 180° with electro hydraulic device.

Travel system

On track the machine is equipped with two variable displacement axial piston hydraulic motors. Two speeds selectable via switch on dashboard. Multi disk brake system, spring applied and automatic hydraulic release.

On rail, the machine is equipped with 4 variable displacement radial piston hydraulic motors. The rail drive is fully hydraulic powered. Three range speeds can be selected via switch on dashboard. The change of speed is possible without stopping the machine. Independent front & rear drum service brake applied by pedal from the inside the cab. Drum parking brake, spring applied and hydraulic release selectable via switch on dashboard.



Emergency Hydraulic System

An emergency hydraulic system is installed on all Colmar Railroad equipment that allows the crane to perform specific safety related maneuvers even in the absence of power.

The hydraulic system is operated by manual pump.



Height Boom Limiter

The lifting boom is equipped with an electro hydraulic device for limiting the range in elevation. For additional safety the lifting cylinders are equipped with blocking valves that prevent the lifted load from descending in the case of failure of the power supply or disruption to the hydraulic circuit.

Load Limiter Device

Electro hydraulic system; electronic is available on request.