



F.lli **MESSERSSI**^{SpA}

OFFICINE MACCHINE EDILI

TRACKED TRANSPORTER *TCH-15/S/AV*
TCH-15/S/AVP



GENERAL FEATURES

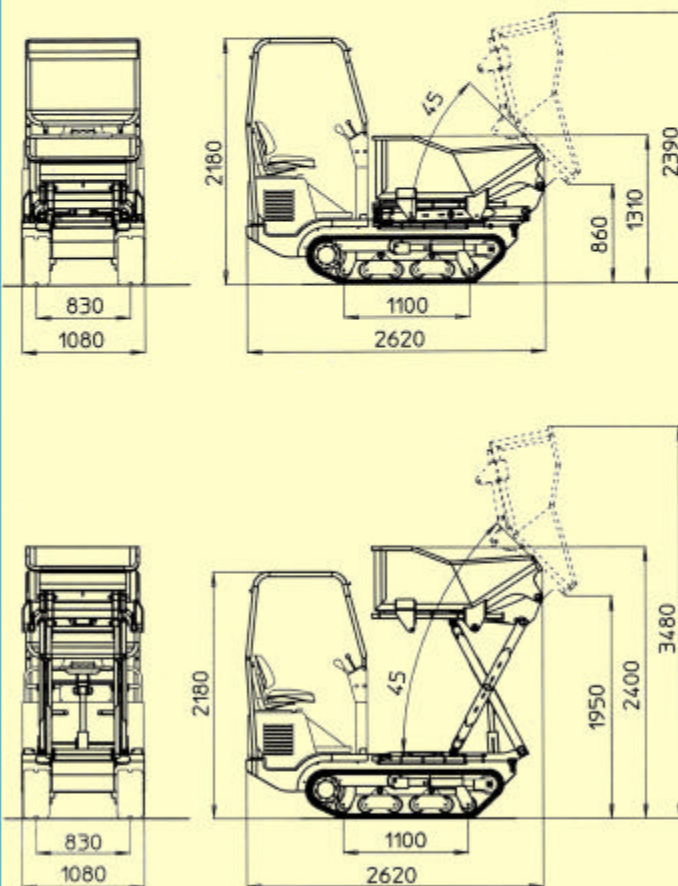
- Tracked transporter with hydrostatic transmission having 2 independent circuits with a variable cubic capacity axial pistons pump and of a double cubic capacity axial pistons hydraulic motor for each track.
- Machine with two speeds with electric selection.
- The hydrostatic pumps are operated by means of servo-assisted control through joy-stick levers.
- Centered driving place at rear side of the machine, with sprung and adjustable seat, with easy access from both sides.
- Hydrostatic steering with the possibility to turn on its axle.
- Mechanical parking brake with hydraulic negative control, for the parking on steep slopes; when actioned joy-stick levers are locked to avoid accidental manoeuvring.
- Chassis with modular structure composed of a tractor unit set up on a unified chassis apt to receive various attachments. Undertruck with oscillating axles and rubber tracks, suitable for high speed. The considerable ground clearance allows the easy motion even on dirt patches and on rough terrains.
- High tip dumping skip, with variable height hydraulic lifting and discharge. Its round shapes are particularly suitable for the handling of aggregates, earth and other waste materials. The loading shovel, assembled on the skip, permits any manoeuvre in full security and the complete filling of the bucket.
- The battery is placed under engine cover.
- Proper lifting points permits the loading and unloading of the machine from any mean of transport.
- The engine, considerably overdimensioned for the features of the machine, is placed under a big bonnet, which can be opened, allowing an easy and comfortable access to all the components of the transmission, of the engine and of the hydraulic system for a quick and safe maintenance of the machine.
- As optional fitting, the machine can be equipped of an hydraulic P.T.O. with delivery of 20 L/min at 170 bar pressure, which can be assembled even after the machine has been purchased.

TECHNICAL DATA

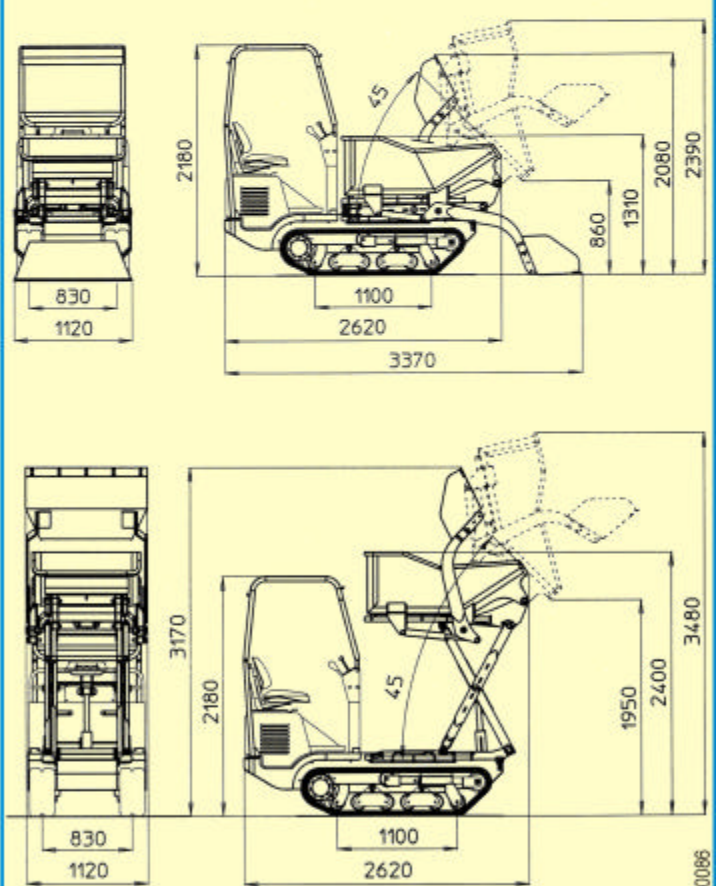
Operational weight with/without shovel (with operator on board) Kg	1560 / 1420
Payload capacity max. Kg	1000
Bucket capacity: - heaped (SAE norms) cu.m	0.650
Loading shovel capacity Kg	210
Bucket capacity (SAE norms) cu.m	0.130
Diesel engine type	Perkins 403C-11
- Installed power (2500 rpm) HP/Kw	21.5 / 15.8
- Displacement cm ³	1131
- Cylinders n°	3
- Max torque at 2500 rpm daNm	6.42
- Cooling type	water
- Battery n°	1 - 12V - 60Ah
Transmission type	hydrostatic
Transmission pistons pump with variable cubic capacity n°	2
Unique delivery l/min.	28
Utilities gear pump n°	1
Delivery l/min.	20
Max working pressure bar	170
N° 2 motion speed with electric switch	
I speed Front and Backward Km/h	0 - 4
II speed Front and Backward Km/h	0 - 7.5
Steering through independent tracks type	hydrostatic
Rubber tracks tensioning type	spring+adj.screw.
Track width mm	230
Specific ground pressure: - empty / loaded Kg/cm ²	0.27 / 0.44
Max gradient capability: REFUELLING:	
Fuel tank capacity (Diesel) lt	24
Hydraulic oil tank capacity lt	25

OVERALL DIMENSIONS

TCH-15/AV



TCH-15/AVP



Data features and illustrations are not binding and may be altered without any notice. The illustrations may show optional equipments.



F.lli MESSERSI

OFFICINE MACCHINE EDILI

60010 Casine di Ostra (AN)

Tel.071.688771 r.a. - Fax 071.688586

Internet: www.messersi.it

E-mail: messersi@messersi.it



Member of CIG Federation

RINA

ISO 9001:2000
Certified Quality System



90060086