



**TRACKED TRANSPORTER TCH-05
TCH-09
TCH-13**

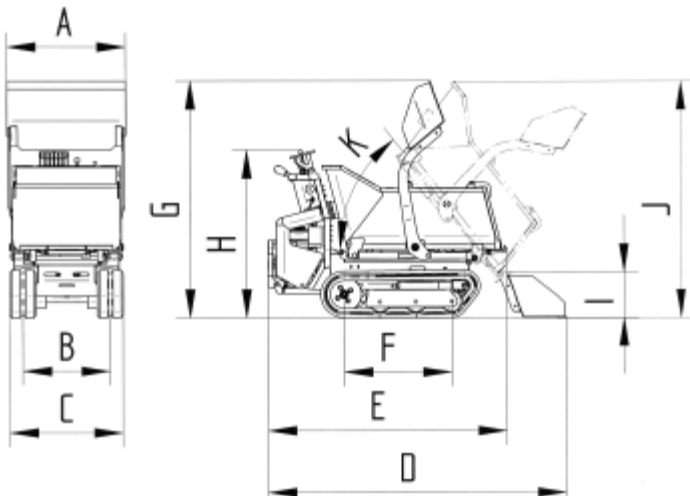


GENERAL FEATURES

- Tracked undercarriage with hydrostatic transmission fitted with a modular chassis able to receive a wide number of equipments.
- Double effect cylinder for the frontal lifting of the accessories.
- Rubber tracks realized in monobloc structure with core in iron wire and inserts in treated iron.
- Endothermic petrol engine, air cooled; manual start by rope tearing (electric start as an option).
- Hydrostatic transmission controlled by manual levers with 3 gear pumps and fixed displacement orbital engines. Steering throughout the rotation of the tracks.
- Two levers connected with the hydraulic distributor to control travelling. Each lever controls independently the movements of each track, enabling the operator to have a complete control in every phase.
- 2nd travel speed is operated by a lever on the hydraulic distributor.
- Loading skip with large angle of discharge. The round shaped design gives both to the machine a new styling and allows a quick discharge of the transported materials.
- The optional selfloading shovel (not available in TCH-05 version) allows an optimal charging of the skip. The small lateral dimension of the machine is also due to the position of the shovel lifting cylinders.
- The optional double effect P.T.O. (not available in TCH-05 version) with a delivery of max. 20 lt/min and pressure P=150 bar, can be used for auxiliary equipments.
- Engine cover (option).
- Operator's footboard as standard fitting (option in TCH-05 version).

TECHNICAL DATA		TCH - 05	TCH - 09	TCH - 13
Operational weight with shovel (without operator)	Kg	350	490	535
Operational loading (*)	Kg	400	500	500
Road transportable load	Kg	500	800	800
Bucket capacity: - heaped (SAE norms)	cu.m.	0.310	0.380	0.380
- struck by sand / struck by liquids	cu.m.	0.270/ 0.250	0.320/0.300	0.320/0.300
Petrol engine	type	HONDA GX160	HONDA GX270	HONDA GX390
- Max. power (3600 r.p.m.)	HP/Kw	5.5 / 4	9 / 6.6	13 / 9.6
- Displacement	cu.m.	163	270	389
- Cylinders	n°	1	1	1
- Max. torque at 2500 rpm	daNm	1.08	1.91	2.65
- Cooling	type	air	air	air
Transmission	type	hydrostatic	hydrostatic	hydrostatic
Total gear pumps	n°	3	3	3
Total delivery	l/min.	25	41	41
Secondary gear pump	n°	1	1	1
Delivery	l/min.	14	20	20
Max. working pressure for travelling	bar	175	175	175
Max. working pressure for lifting skip / shovel	bar	150	150	150
N° 2 travelling speeds: I speed Front and Backward	Km/h	0 + 1.8	0 - 2.1	0 + 2.1
II speed Front and Backward	Km/h	0 + 3.9	0 - 4.2	0 + 4.2
Steering system through independent tracks	type	hydrostatic	hydrostatic	hydrostatic
Rubber tracks tensioning	type	adj. screw	adj. screw	adj. screw
Track width	mm	180	180	180
Specific ground pressure: - empty / loaded (*)	Kg/cm ²	0.118 / 0.254	0.166 / 0.335	0.181 / 0.350
Max. gradient capability with operational loading	max %	50	50	62
REFUELLING:				
Fuel tank capacity	lt	3.6	6	6.5
Hydraulic oil tank capacity	lt	18	22	30

OVERALL DIMENSIONS



TIPO	A	B	C	D	E	F	G	H	I	J	K
TCH-05	660	480	660	2100	1680	753	1670	1180	315	1670	52°
TCH-09	830	610	790	2100	1680	753	1670	1180	315	1670	52°
TCH-13	830	610	790	2100	1680	753	1670	1180	315	1670	52°

Shown dimensions are in mm.