



TJR1000 Tracked Jetting Reel

The drive system allows the unit to operate in conditions of wet or poor terrain. Fully laden ground contact pressure is 0.48 kg/cm².

DRIVE SYSTEM

The drive is of the hydraulic type. There are two independently driven track motors. These are used for forward, reverse, right turn or left turn depending on the position selected for the two control levers. When the levers are in the neutral position the drive system is locked in position which prevents movement. The tracks used are made of rubber to minimise ground damage.

ENGINE

The engine is a Lombardini KDW702 diesel powered unit. This liquid-cooled compact engine is direct coupled to the hydraulic pump unit and so no belts or gears are required.

MACHINE DIMENSIONS – WEIGHT

Length – 2000mm

Height – 1500mm

Width – 1300mm (Also available in 750mm)

Unladen Weight – 750kg

Laden Weight – 1400kg (with 240m of 1" Thermoplastic jetting hose full of water)

Max allowable gross vehicle weight – 1600kg

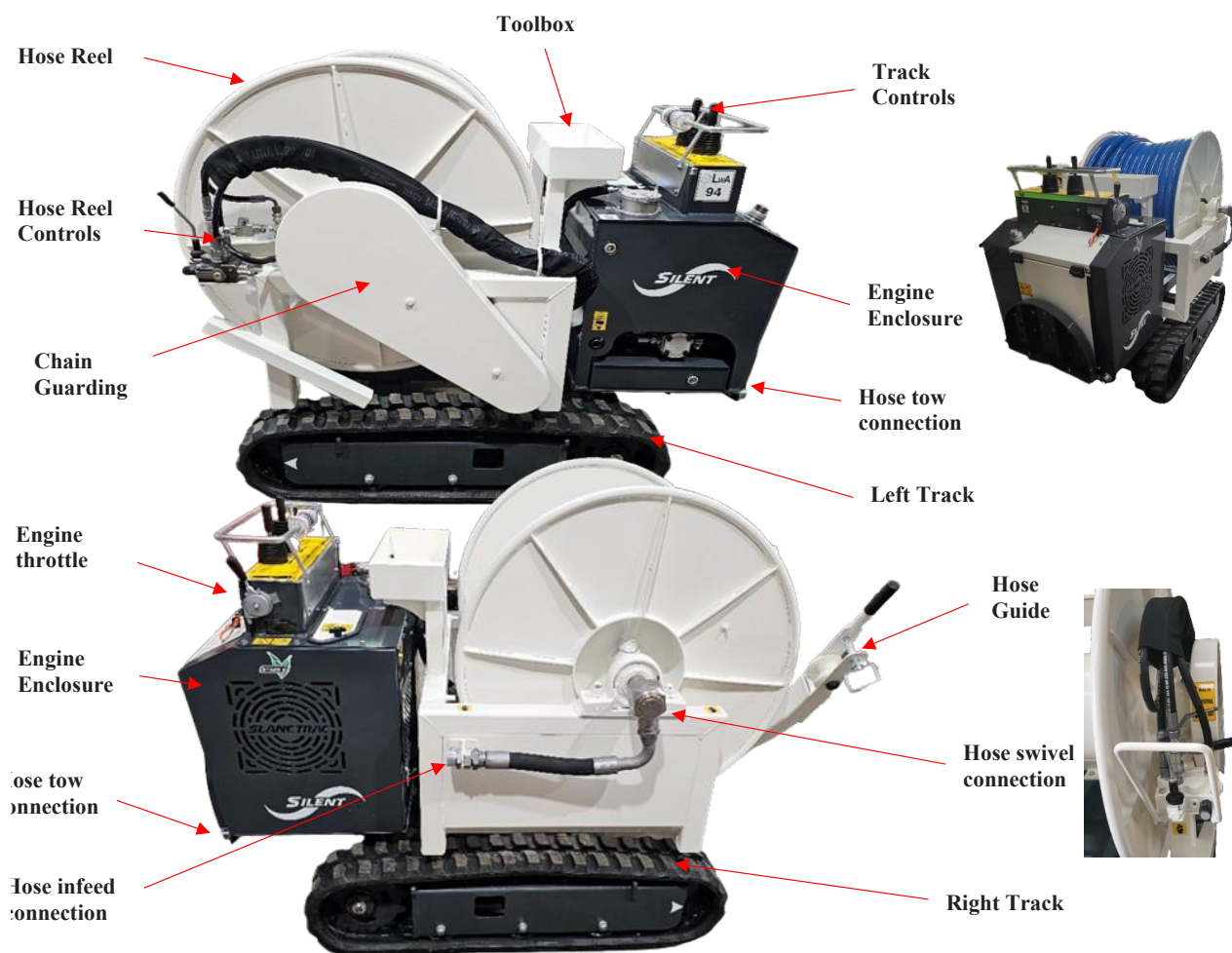


The TJR is provided with two threaded hose towing points where 1" & 1 1/4" hose from a jetting vehicle can be connected allowing the hose to be towed behind the TJR to its operating location.



Easy to use joystick controls.





INTENDED USE

The TJR1000 is a self-propelled machine intended to transport and handle a high-pressure water hose extension for cleaning drains and culverts.

MACHINE DESCRIPTION

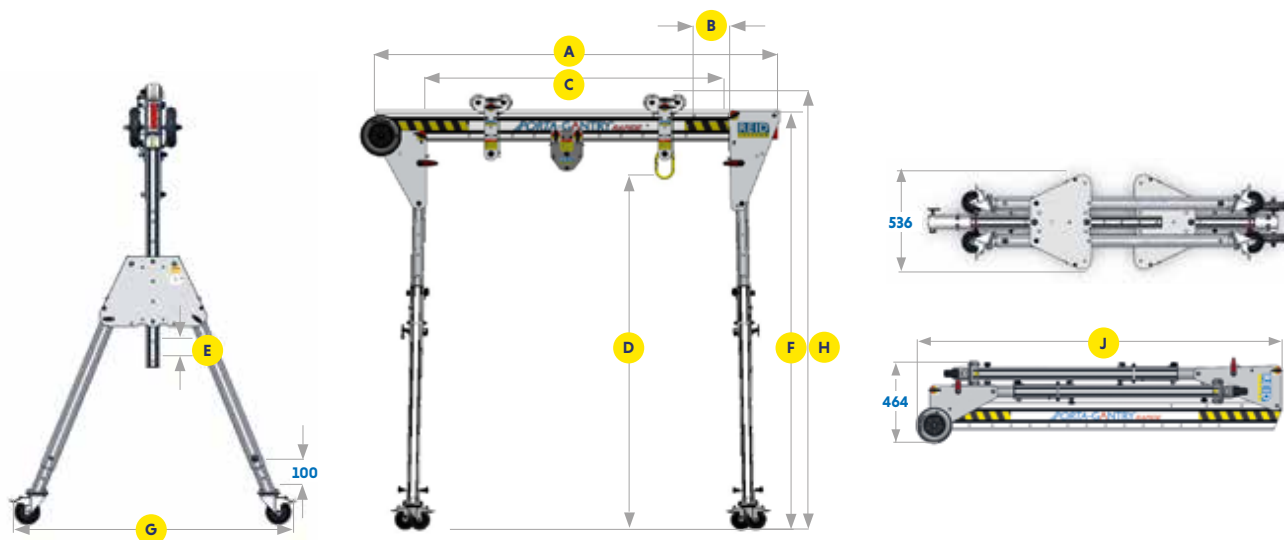
The main components of the TJR consist of

- Powerpack and Tracking Assembly – An assembly of a diesel engine driving hydraulic pumps connected to a pair of hydraulically driven tracks.
- Hose Reel – A hydraulically driven hose reel fitted with a manually operated hydraulic lever valve with speed control and free wheel.

KEY FEATURES

- 1 1/4" swivel and pipe work to reduce friction loss
- Reel capable of holding 240mtr of 1" sewer jetting hose
- Hydraulic valve chest for reel in/out with speed control
- Free wheel function also available
- 1" and 1 1/4" towing points provided for supply hose
- Additional safety features including hose reel control guard





- A** Beam length
- B** Beam adjustment
- C** Clear operating span
- D** Height to lifting eye
- E** Height increment
- F** Height to top of beam
- G** Width
- H** Height to top of roller
- J** Folding dimensions

Dimensions [mm]

WLL

Product Code	A Beam Length	B Beam Adjustment	CMin Clear Operating Span	CMax Clear Operating Span	DMin Height to lifting eye	DMax Height to lifting eye	E Height increment	FMin Height to top of beam	FMax Height to top of beam	G Width	HMin Height to top of roller	HMax Height to top of roller	J Folding dimensions	Unit Weight*** [kg]	Goods Capacity [kg]	Fall Arrest Capacity**	Personnel Positioning** [kg]
PGR1TS20	2000	2 x 200	1102	1502	1496	1996	5 x 100	1822	2322	1270	1904	2404	2077	52	1000	3	500
PGR1TS30	3000	3 x 200	1902	2502									3077	57	1000	3	500
PGR1TS40	4000	3 x 200	2902	3502									4077	61	1000	3	500
PGR1TM20	2000	2 x 200	1102	1502	1735	2435	7 x 100	2061	2761	1484	2143	2843	2200	56	1000	3	500
PGR1TM30	3000	3 x 200	1902	2502									3077	60	1000	3	500
PGR1TM40	4000	3 x 200	2902	3502									4077	65	1000	3	500
PGR1TT20*	2000	2 x 200	665	1065	1975	2875	9 x 100	2301	3201	1698	2383	3283	2830	60	1000	3	500
PGR1TT30*	3000	3 x 200	1465	2065									3077	64	1000	3	500
PGR1TT40*	4000	3 x 200	2465	3065									4077	69	1000	3	500