

GERRIS 800

Crawler concrete placing boom

Gerris 800 Double motorization

- Main: Honda GX390 petrol - 8.2 kW
 - Auxiliary: single-phase 230V/50Hz - 2.2 kW
- 1128754**

Gerris 800 Lithium

- AC electric motor 48V powered by 120 Ah lithium battery
- 1128786**



Self-propelled undercarriage on extendable tracks, for easy mobility even on the most uneven terrain.

Automatic levelling outriggers system. Outrigger pads diameter 200 mm. Single outrigger pad ground pressure 4.34 kg/cm².



Two models with high technological standards

Double motorization: petrol engine and smog free auxiliary 230V electric motor, which allows to work even in closed environments.

Electric with 120 Ah lithium battery and AC motor 48V. It works silently, cleanly and quickly in any environment.

Description

Gerris 800 is a self-propelled crawler concrete placing boom, with reduced dimensions (800 x 4930 mm) and low weight.

It is used to distribute pumped concrete, in any position within its range of about 8 m and up to a height of 11.20 m.

The distribution boom requires a small space for its opening (2.80 m). It is therefore able to operate even in places with not particularly high ceilings.

Radio controlled, simple and intuitive to control and position in the work area, thanks to the self-levelling stabilizers

The auxiliary electric motorization allows to operate even in closed environments, in the absence of exhaust gases and noise of the petrol engine.

Suitable for laying pumped mortars / concretes with a maximum grain size of 25 mm (1"):

- Laying of concrete on foundation slabs
- Laying of concrete on floors
- Laying of concrete for pavements
- Filling of formwork for masonry works
- Filling of formwork for the construction of swimming pools
- Filling of formwork for columns (also disposable)
- Filling of THERMAL INSULATION walls in EPS / EXPANDED CLAY / VEGETABLE FIBERS, with collaborating formwork or diffused reinforcement
- Filling of prefabricated reinforced concrete walls
- Filling of load-bearing reinforced walls
- Filling castings for containment or foundation piles

Combined use with Booster 15 or Booster 50 is recommended.

Operation

Movement

Petrol version: at the operator's discretion, the petrol engine can be started directly from the remote control, or the machine can be connected to the 220V single-phase mains using an extension cable.

Lithium version: the machine is switched on from the remote control and is ready to go. By pushing two levers on the remote control, the tracks are started and the machine begins to move in the desired direction. To improve the stability of the machine when driving on heavy surfaces, the tracks can be widened simply by acting on the remote control. In case of excessive inclination of the chassis while driving, the machine stops automatically and signals the anomaly of use on the remote control. The self-propelled chassis has two travel speeds: "Slow" for maneuvering operations and "Fast" for long movements without obstacles.

Stabilization and self-levelling

Once you have reached the place where you intend to operate, stop driving and start the descent of the outriggers, until automatic levelling has taken place. At the end of the process the tracks will be lifted off the ground.

Opening

It begins with the lifting of the main boom up to a minimum height of 2.80 m, proceeding with the opening of the aerial part until the desired laying position is reached.

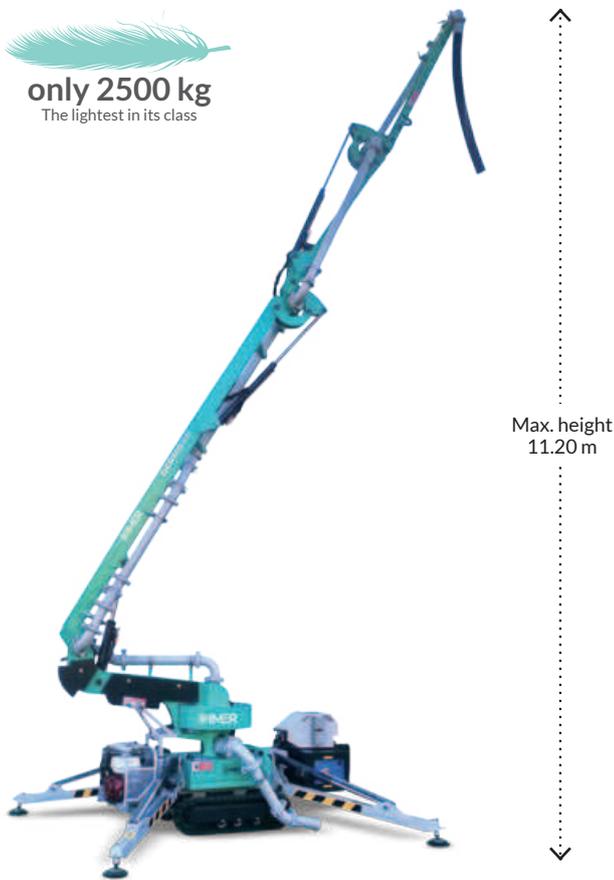
Ready to pump

Proceed with the connection of the pipes coming from the concrete pump by means of a rubber hose Ø 100 (4") directly to the collector pipe of the Gerris 800. The pumping of the concrete is started and it can be laid where necessary by moving the distribution boom.

Small movements during pumping

Gerris 800 performs small movements without the need to close the distribution boom.

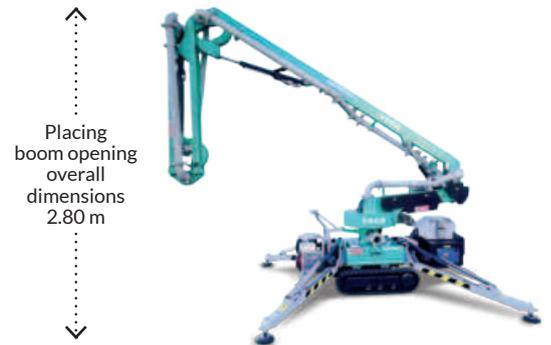
only 2500 kg
The lightest in its class



Max. height
11.20 m



Max. distance 7.80 m



Placing
boom opening
overall
dimensions
2.80 m



Robust and weatherproof wireless radio-control. It is light and easy to use, thanks to the multiple indications and the functional backlit display that indicates every single movement that is activated. Interchangeable rechargeable battery, with on-board charging support under key.



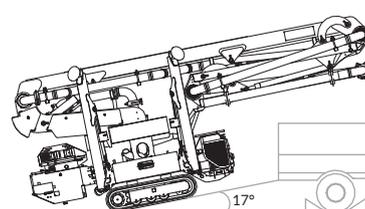
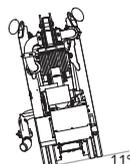
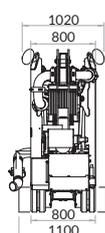
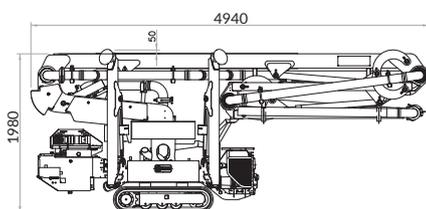
Ø 100 (4") material hose connection manifold, easily removable for machine handling.

Standard Equipment

- Honda GX390 petrol hydraulic pump engine - 8.2 kW
- Auxiliary hydraulic pump electric motor 230V/50Hz - 2.2 kW
- Emergency manual hydraulic pump
- Wireless radio-control with backlit display
- Two lithium batteries for radio-control and integrated battery charger
- 48V/50A lithium battery charger integrated on the machine (lithium version)
- 12V maintenance battery charger integrated on the machine (petrol version)
- Control panel on the machine
- Self-diagnosis, reporting anomalies of use and electronic hour counter
- Acoustic signaling of movement and abnormal conditions
- Double speed traction motors
- Rubber tracks, hydraulically expandable from 787 to 1050 mm
- Automatic outriggers levelling with electronic inclinometer
- Outrigger pads Ø 200 mm
- Piping DN 100 (4") with Victaulic fittings 4 1/2"
- Rubber terminal tube DN 100 (4") 3m Length with Victaulic fitting 4 1/2"
- Adapter for fittings 4 1/2" to 4" (for Booster 15 pipes)

Technical data

		Petrol	Lithium
Max. height	m	11.2	11.2
Max. outreach	m	7.8	7.8
Depth of casting	m	5	5
Max. concrete grain size	mm	25 (1")	25 (1")
Overall dimensions stabilized machine	m	2.92 - 3.08	2.92 - 3.08
Max. traction speed	km/h	0 - 2.5	0 - 2.5
Gradeability	°	18	18
Turret rotation	°	355	355
Petrol engine	kW/rpm	8.2/3600	-
Auxiliary electric motor	V/kW	230/2.2	-
Starter battery	V/Ah	12/110 C20	-
Battery charger	V/A	12/12	-
Electric motor	V/kW	-	48/4AC low voltage
Lithium batteries	V/Ah	-	48/120
Lithium battery charger	V/A	-	48/50
Track pressure	kg/cm ²	0.9	0.9
Max. outriggers load	daN	1930	1930
Sound pressure level	dB(A)	104	85
Transport width	m	0.8	0.8
Transport length	m	4.9	4.9
Transport height	m	2	2
Machine weight	kg	2500	2550

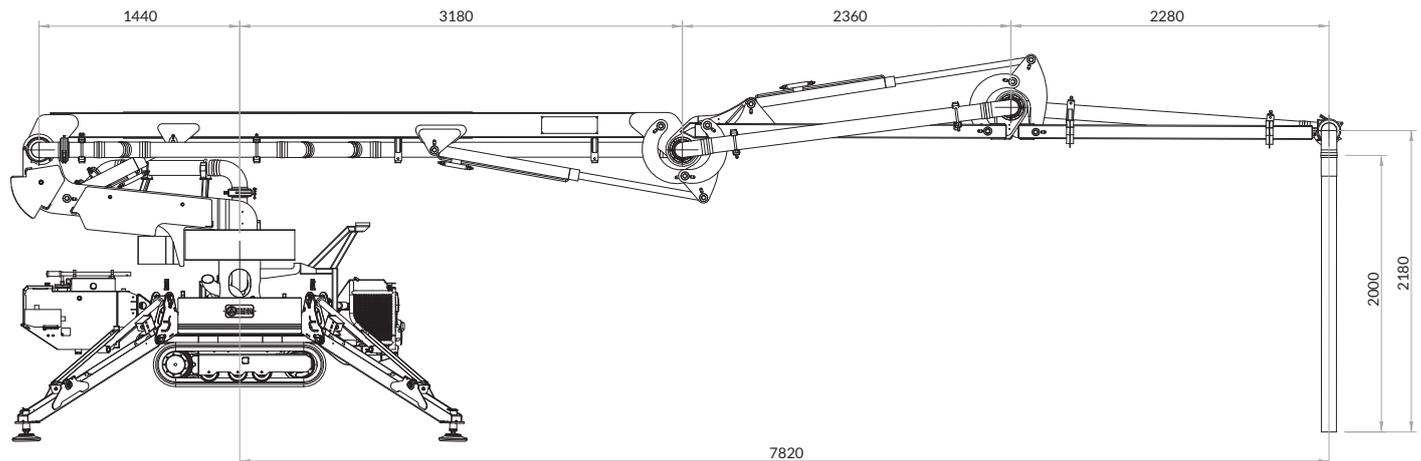
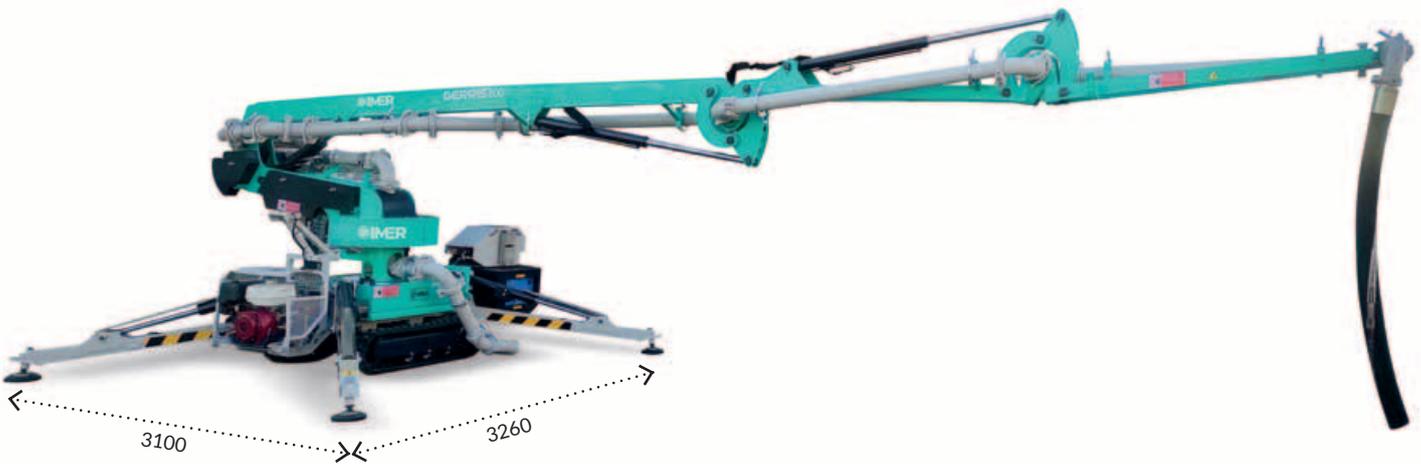
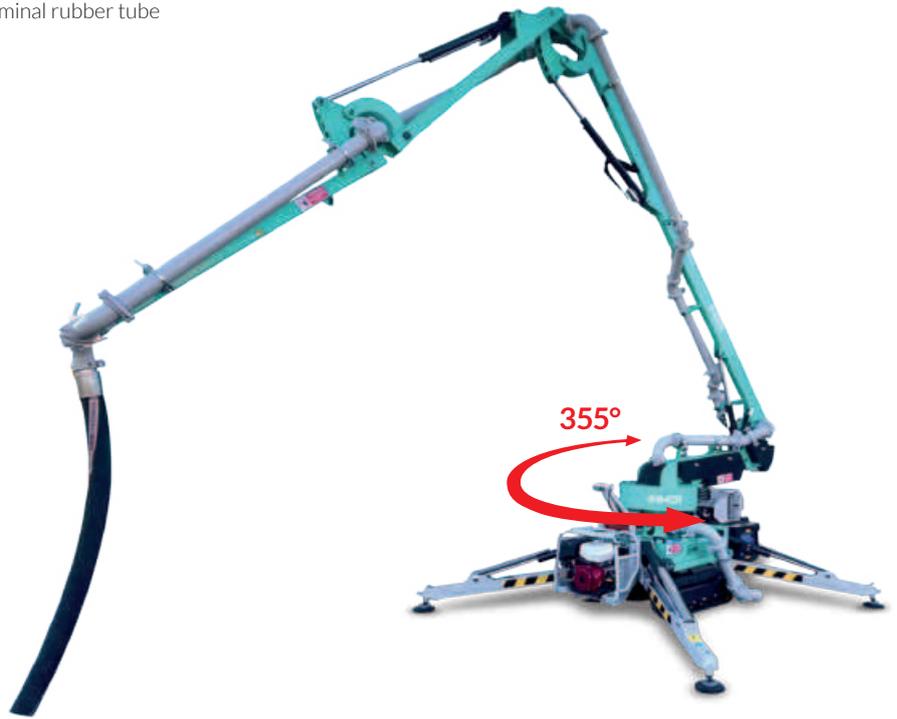
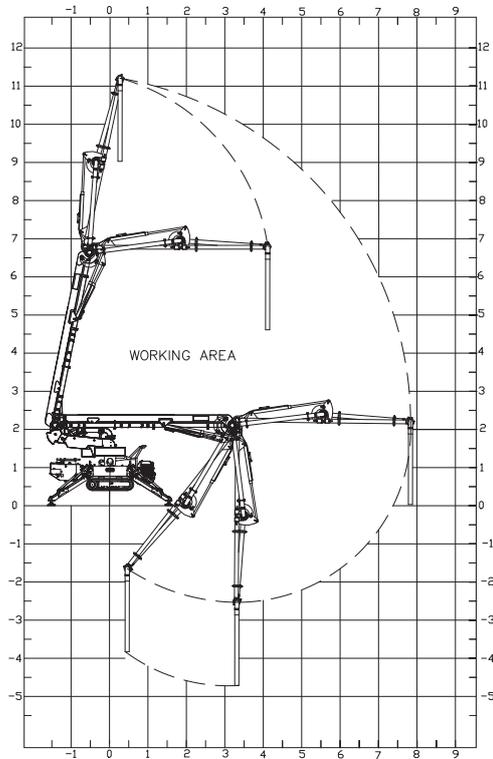


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Work diagram

- Max. height served 11.20 m
- Max. depth of casting that can be reached, including terminal rubber tube
- Max. length of outreach 8 m
- Range of action 355°
- Overall outrigger footprint 3.1 x 3.26 m





1129183



IMERVIEW KIT Gerris 800 Connect 4.0

- Gps-Gsm electronic control unit, with integrated antenna
- Pressure sensor
- Web Dashboard access and Cloud storage
- 5 years of data traffic included
- Pre-delivery installation included
- ➔ Recommended for remote control:
 - Geo fencing with immediate warning "Machine out of perimeter"
 - Position and movement tracking
 - Battery status
 - Work environment temperature
 - Hydraulic system analysis
 - Direct connection to IMER Service

1129086



Non-marking rubber tracks

1129184



Material hose adapter from 4" to 4" 1/2

1129069



Oversized outrigger pads (Ø 350 mm)

1107533



Material hose Ø 50 with camlock coupling - 10 m

1107534



Material hose Ø 50 with camlock coupling - 20 m

