



# REMEDY 500 V1 RITMO TRACK MACHINE



# MEDIUM DIAMETER FUSION

REMEDY 500 V1 is an independent, high-productivity welding machine driven by tracks. Made in Ritmo and powered by a Diesel on-board generator. Designed for butt welding HDPE and PP pipes from  $\varnothing$  200 to 500 mm (from 6" to 20" IPS; from 6" to 18" DIPS). Remedy 500 V1 is available with MANUAL welding cycle suitable for ISO 21307 High Pressure and ASTM F2620 fusion standards or FA with CNC welding cycle suitable for ISO 21307 Low Pressure and GIS, WIS, DVS.

## DIESEL ENGINE

The machine allows the selection of two motor speeds:

1800 RPM - Movement  
3000 RPM - Welding

**HIGH  
PRODUCTIVITY**

**INDEPENDENT**

**ON-BOARD  
GENERATOR**

# REMEDY 500 V1 FREE TO CHOOSE



## - REMEDY 500 V1

Designed to weld according to:  
ISO 21307 High Pressure  
ASTM F2620 standards



## - REMEDY 500 V1 FA

Designed to weld according to:  
ISO 21307 Low Pressure; GIS/PL2-3:2015; WIS 4-32-08 I4;  
DVS 2207 -1:2015; DVS 2207- 11: 2017

## VERSATILE

- Remote control track up to 100 m 328 ft
- Materials: HDPE, PP
- Tracked welding machine
- Drives over 30% slopes
- In-ditch/user friendly
- Controlled welding cycle
- In-ditch hoses/cables 7 m - 23 ft range/length

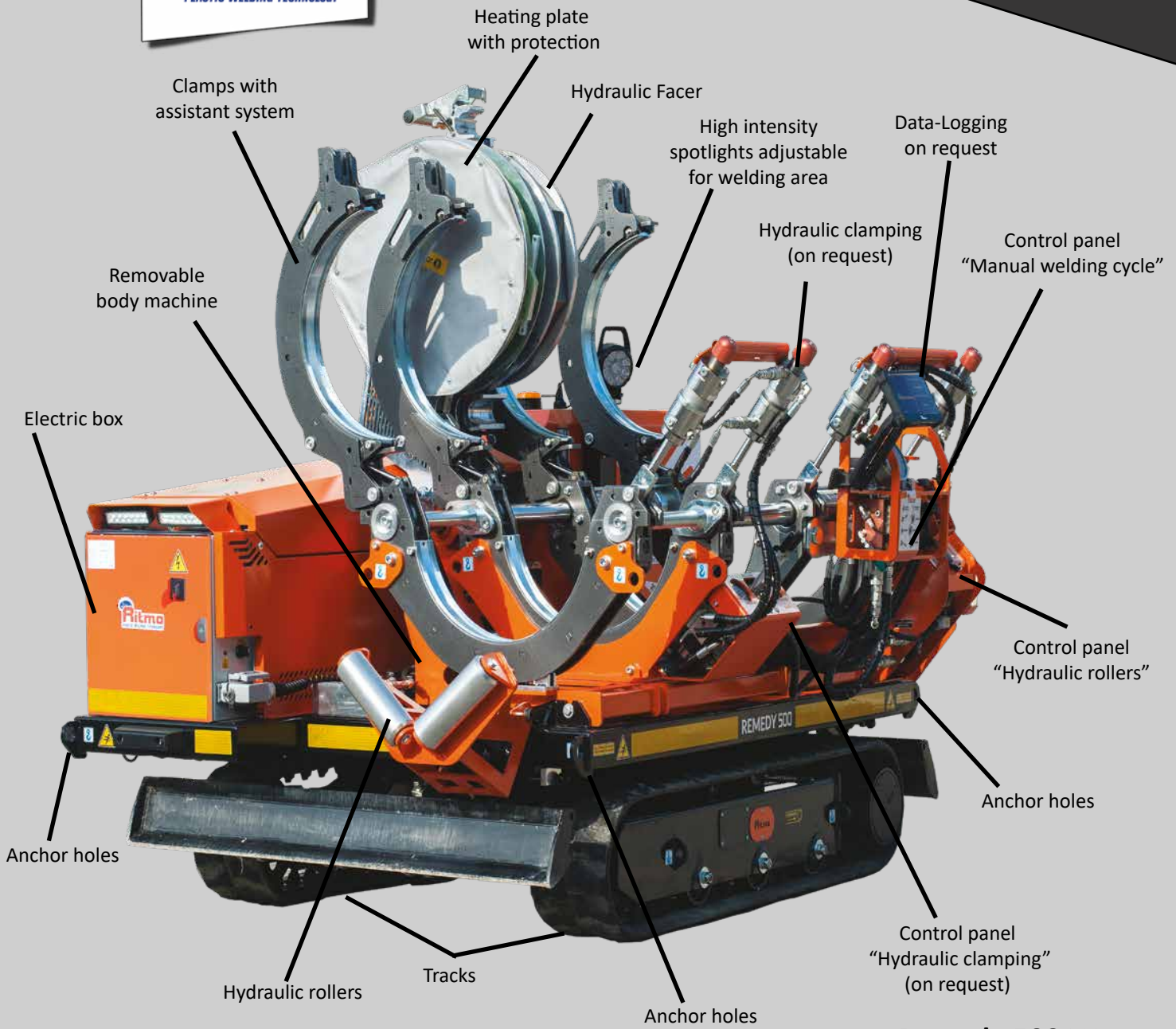
## ACCURATE

- Removable auxiliary panel to control facer/heating plate
- Easily welds fittings/quick set-up time
- Heating plate with a high temperature resistant protection casing
- Spotlights on welding area
- Insert with fast-locking system

## COMPLETE

- Self-propelled on track
- Patented System to open/close clamps
- Heating plate with hydraulic movement
- Facer with hydraulic movement
- Hydraulic side rollers
- Facer with safety microswitch
- Self-contained generator on-board
- Heater/facer on-board
- \*Data-logging with GPS traceability, Pre-set customized welding cycles, Shared Report

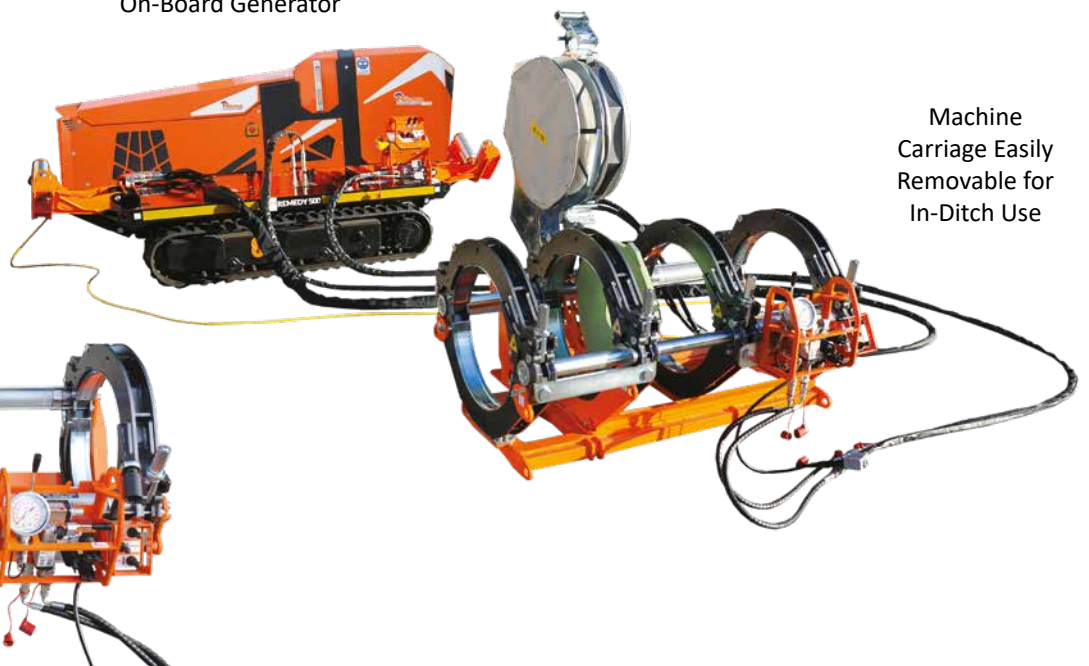
\* REMEDY 500 V1 FA included;  
REMEDY 500 V1 on request



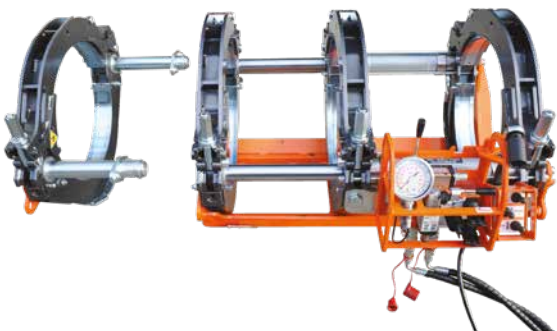
### Remedy 500 V1

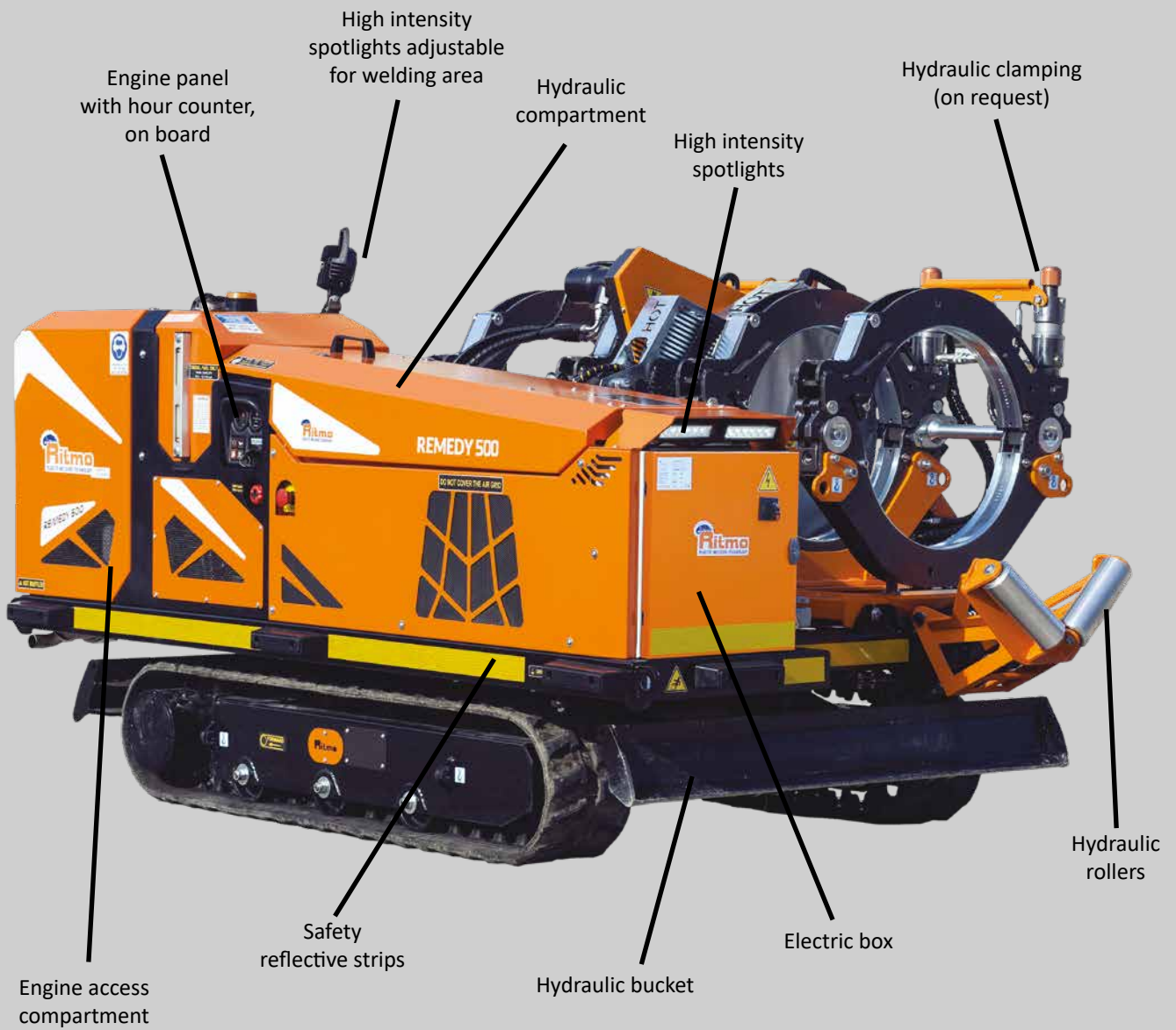
### In-Ditch solutions

Tracks along with an On-Board Generator



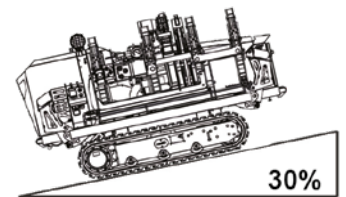
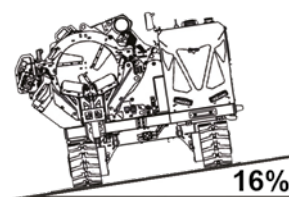
4th Jaw removal





[www.ritmo.it](http://www.ritmo.it)

# PERFORMANCE IN ALL TERRAIN



## EASILY TRANSPORTED

Thanks to its compact size and lightweight REMEDY 500 V1 can be easily transported anywhere with a simple cart.

# FA CNC FUSION SYSTEM

## REMEDY 500 V1 FA - HOW DOES IT WORK

FA: Fully Automatic. Hardware and software have been developed to interact to each other sharing data during the entire workflow. Once set the pipe data and welding standard up, the system guarantees the repetition of the welding cycles, avoiding errors. In the exchange phase, the CNC system automatically manages the opening of the machine, the extraction of the heating plate and the subsequent joining of the pipe according to the requirements of the set standard.

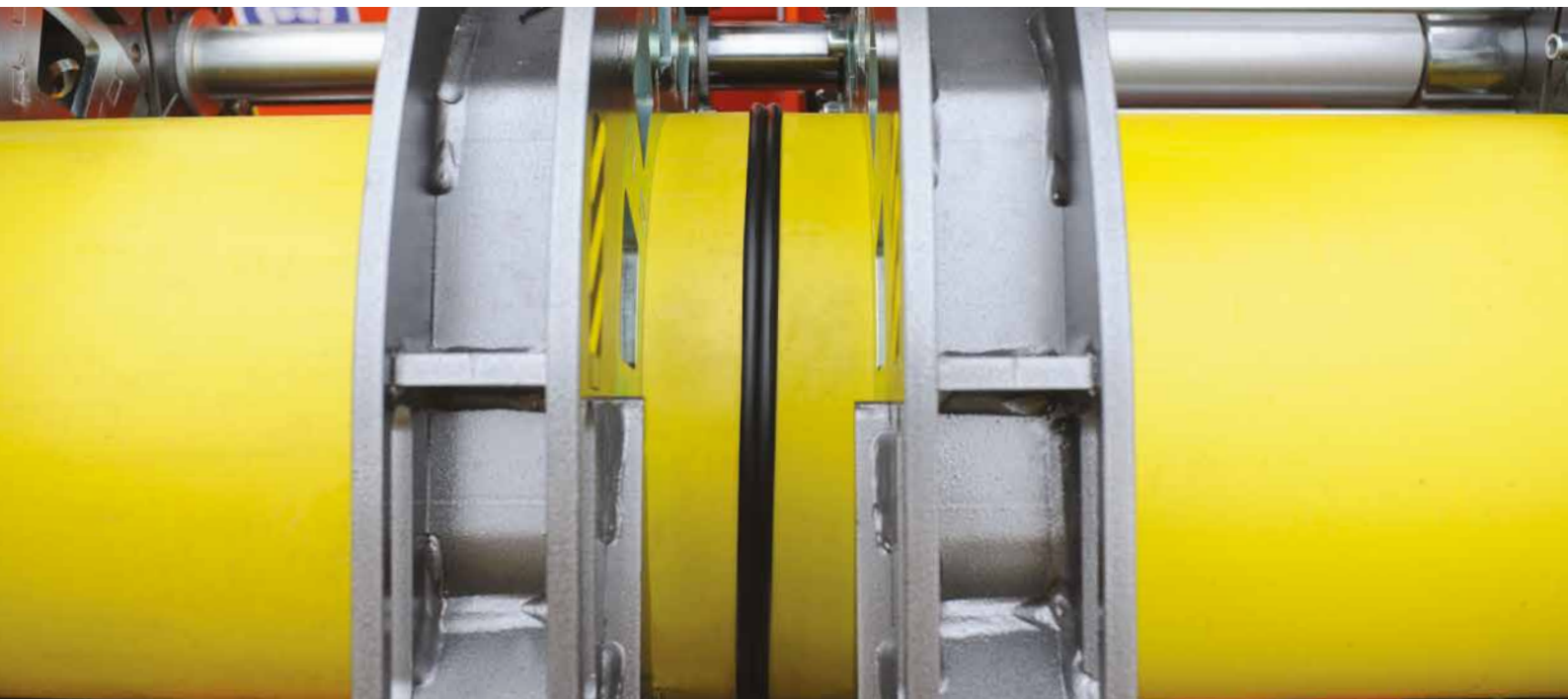
LET US  
DELIVER VALUE

- 1 - AUTOMATIC WELDING
- 2 - ELIMINATES OPERATOR ERROR
- 3 - DATA-LOGGING INCLUDED
- 4 - PERSONALIZED PARAMETERS
- 5 - WELDING REPORT

BSI Certificate N° VC 750599



Model REMEDY 500 V1 FA





Model REMEDY 500 V1



# ALL IN YOUR HANDS

## REMEDY 500 V1 - TOTAL CONTROL

- Intuitive manual controls
- Removable Control Panel for Hydraulic Facer and Heating Plate
- Control panel to lift side hydraulic rollers

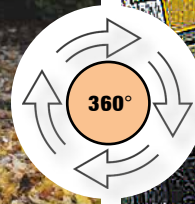
On request Data-logging Inspector 2.0



# RADIO REMOTE CONTROL

## WIRELESS

The wireless control allows the operator to always move the tracked welding machine safely and guarantees better management during the positioning.



## SAVE TIME - SAVE MONEY

Easy access for the maintenance compartments. Change oil filter, checking fuses, and routine checks are quick and easy to perform.

# EASY MAINTENANCE FAST SOLUTION





## OPTIONAL ON REQUEST

Thanks to an optional accessories package, the user can expand the functions of REMEDY 500 V1. This flexibility makes REMEDY 500 V1 a versatile and valuable tool to tackle the various challenges typical of construction sites.



### HYDRAULIC CLAMPING

Remedy 500 V1 allows the locking of the clamps in a hydraulic way. The kit is designed to work with the removal of the 4th clamp for welding fittings or stub-end/flanges.



### HYDRAULIC BUCKET

With the use of two hydraulic bucket, Remedy 500 V1 can be stabilized or slightly lifted to ensure better alignment with the pipe.



### THE WINCH

The winch installed on the hydraulic roller bed greatly facilitates the loading of the pipe into the welding machine, eliminating the need to use an additional vehicle for its dragging.

# EXTRA DETAILS

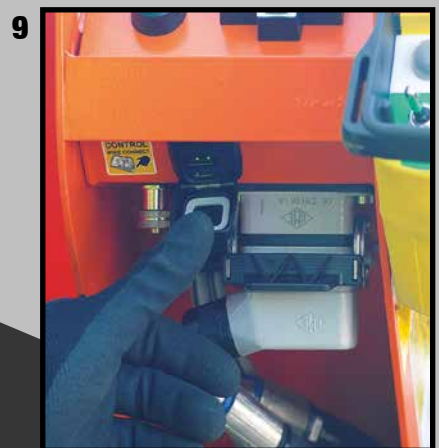
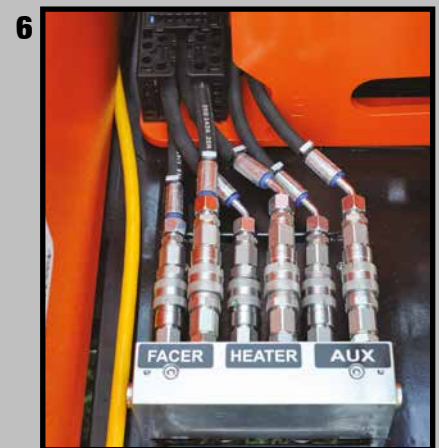
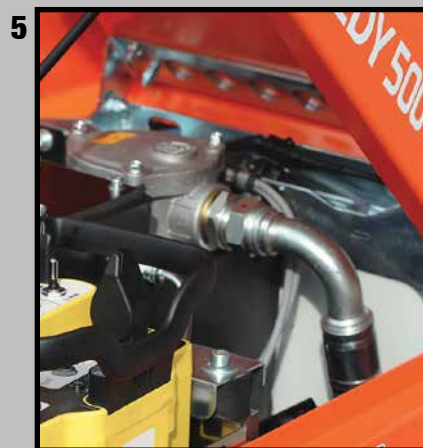
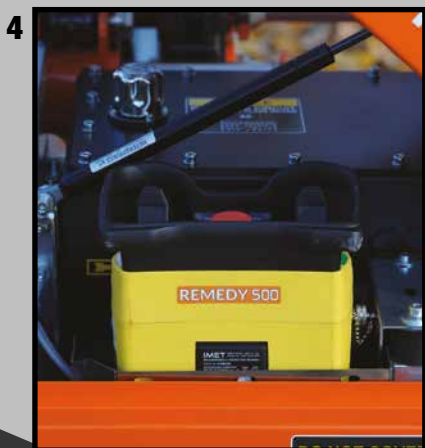
## THE PERFECT JOBSITE

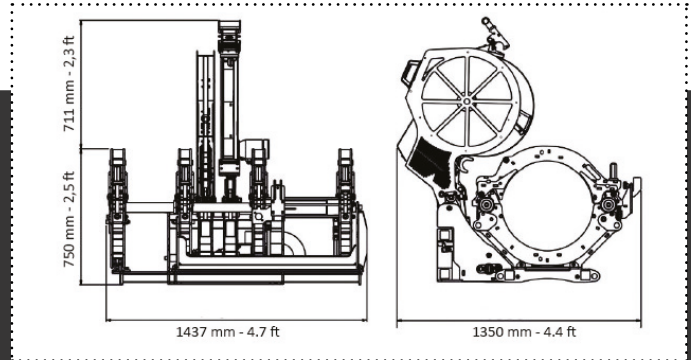
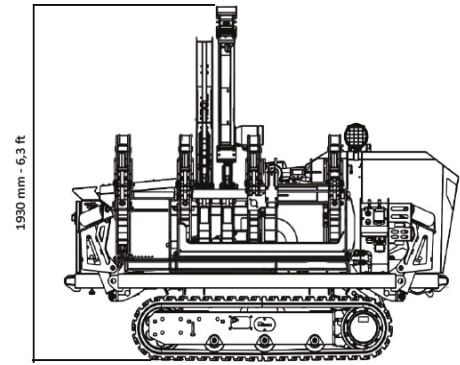
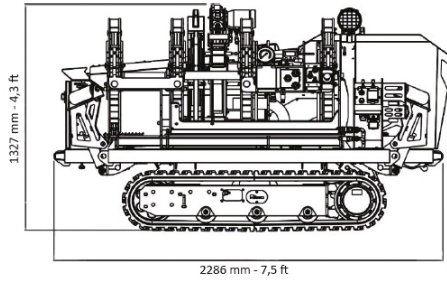
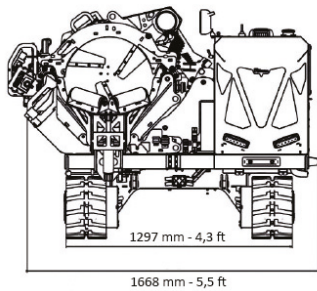
### EVERYTHING YOU NEED

The Remedy 500 V1 includes many features that improve on site safety and efficiency

- 1 - Fuel gauge.
- 2 - Easy air filter acces.
- 3 - Spotlights with high intensity LEDs to move the welding machine.
- 4 - Compartment for radio remote control.
- 5 - Easy access to Hydraulic filter for the welding machine.
- 6 - Easy access to hydraulic connections to remove the machine body for in-dich use.
- 7 - Hydraulic Facer with three blades.
- 8 - Check engine oil.
- 9 - USB port for charge mobile/tablet.

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## TECHNICAL FEATURES

Working range	200 ÷ 500 mm 6" ÷ 20" IPS 6" ÷ 18" DIPS
Materials	HDPE, PP For other materials contact RITMO S.P.A.
On board generator	1123 cc - 17 kW
Emmission compliance	EPA US TIER 4 FINAL, UE STAGE V
Fuel	Diesel
Fuel tank	40 Litres (10.56 gal)
Autonomy	13 Hours
Hourly consumption	max 3.2 Liters (0.84 gal)
Max operator side noise	84 dB
Tracks driving speed	1.5 Km/h or 3 Km/h (0.93 mph or 1.86 mph)
Width of tracks	230 mm (9")
Max operating slope	30%
Max dimensions on site (W x D x H) body machine	1437 x 1350 x 1461 mm 4.7 x 4.4 x 4.8 ft
Max dimensions on site (W x D x H) Remedy 500 standard composition	2286 mm x 1668 mm x 1930 mm 7.5 x 5.5 x 6.3 ft
Max dimensions on shipping (W x D x H)	2286 mm x 1668 mm x 1327 mm 7.5 x 5.5 x 4.3 ft
Weight body machine with facer and heating plate	560 Kg (1234 lb)
Weight Remedy 500 standard composition	1750 Kg (3858 lb)



**RITMO S.P.A**

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