

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

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DELTA 1600 HDR

This is a self-aligning welding machine with hydraulic clamps suitable for welding HDPE pipes for the transport of water and other fluids under pressure, up to Ø 1600 mm.

The DELTA 1600 HDR is designed in accordance to International standards (UNI 10565, ISO 12176-1). The DELTA 1600 HDR can weld fittings such as elbows, tees, branches and flange necks.

- Robust machine body made of steel
- Steel hydraulic clamping
- Automatic detaching device of heating plate
- Raised platform deck for perfect monitoring of fusion process
- Easy to operate control panel
- THE INSPECTOR data-logging compatible
- On board hydraulic control gearcase
- Pressure adjustment and pressure release valves for easy operations
- Hydraulically controller facer with safety microswitch
- Teflon coated heating plate with independent thermometer



STANDARD COMPOSITION



Machine body



Detach device
for heater



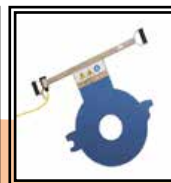
Hydraulic clamps



Working area



Milling cutter



Heating plate



Support

TECHNICAL FEATURES

PLUS

800 ÷ 1600 mm

**HYDRAULIC
CLAMPS
and ROLLERS**

**HEAVY DUTY
CHASSIS 4,8 Ton**

Working range	800 ÷ 1600 mm; 32" IPS ÷ 63" IPS
Materials	HDPE, PP For other materials contact RITMO S.P.A.
Power supply	400 V 3F+N+PE 50/60 HZ
Total absorbed power*	45000 W
Working temperature	180° ÷ 280° C (356° ÷ 536° F)
Outside temperature range	-10° ÷ 40° C (14° ÷ 104° F)
Dimensions machine body (W x D x H)	3550 x 2400 x 2550 mm (140" x 94.4" x 100.5")
Weight machine body	4800 Kg (10585 lb)
Weight milling cutter/heating plate/support	1580 Kg (3485 lb)

* Suggested power generator
75kVA

ON REQUEST



Inserts
Ø 800 ÷ 1400 mm



Tool for flange
necks



Trolley



The INSPECTOR
Data-logging



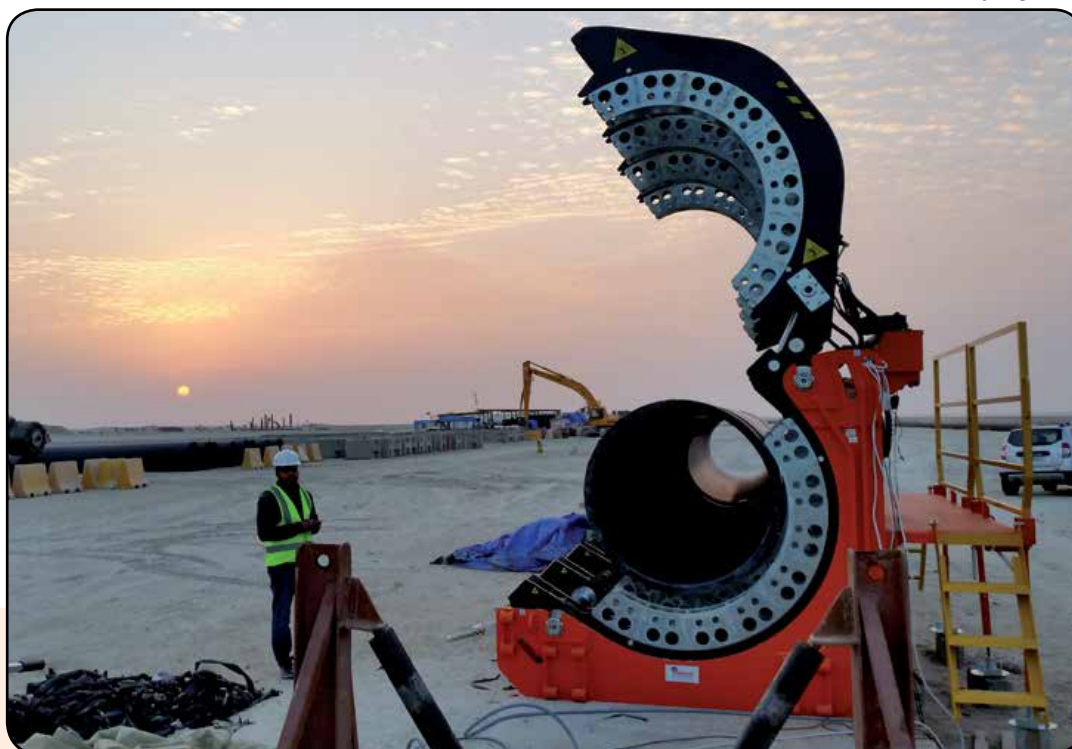
Hydraulic Rollers



watch the video

and:
Inserts Ø 32" ÷ 54" IPS; 30" ÷ 60" DIPS

Bahrein



ADVANTAGE RITMO



RITMO WORLDWIDE

Ritmo has professional distributors and resellers all over the world. Our staff is ready to assist you in English, Spanish, French, German, Arab, Italian, Russian and Portuguese.

TRAINING

From many years now, we have decided that the best way to grant a client/distributor a perfect knowledge of our products is to invest in custom training, in our own premises. These courses are aimed to teach how to operate the products in the best way, and how to supply the "first aid" when necessary.

PRESALES TECHNICAL ASSISTANCE

When a client or a potential client wants to buy us a product, it is our standard procedure to help find the best solution to its needs.

GLOBAL ADVICE

In such a technical field as ours, the customer requires the best assistance. Thanks to the experience developed along the years, and to the co-operation with several manufacturers, institutions, schools and training institutes, RITMO is able to give the most comprehensive advice to no matter which related issue. Our company is a long-time member of a UNIPLAST's (UNI-Italian National Plastics Standards Body) working group dedicated to the study and draw up of new standards within our field. The importance of this group is linked to the fact that the expansion of the plastic welding field ought to be followed by a crescent sensitivity for safety issues, so to have a sustainable and continuous growth. The working group prepares draws, hence present them to the UNI to be discussed and eventually transformed into new standards.

AFTER SALES TECHNICAL ASSISTANCE

Ritmo's Service Centre can solve all kind of technical issues, as well as overhaul our machines. Ritmo has other Service Centres abroad, linked to its official distributors.

STARTING AND TESTING

RITMO' technicians are prepared to make the starting and testing of workshop machines at the client' own premises, so that the fittings production can start almost immediately.

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