



SADDLE SOCKET FUSION

MANUFACTURING
MANIFOLD

UP 125



HIGHEST QUALITY

UP 125 is the new Ritmo welding machine for drilling and saddle socket welding on PP and PE pipes (Patent pending). The main pipe working range goes from \varnothing 63mm to 630 mm and is possible to weld saddle socket fittings from \varnothing 32mm to 125 mm.

UP 125 is a welding machine that gives you the total control in all phases of work. The welding is performed by using a manual socket fusion heating plate and its Teflon coated saddle spigots. Manufacture collectors has never been that easy.

**EASY
SETTING**

**PRECISE
DRILLING**

**PERFECT
WELDING**



EASY TO USE

- Precise pipe marking system
- 360° working position on pipe
- Easy setting
- Secure fixing with anti-fall protections
- Handy
- Safe fitting lock
- Visual inspection of the welding area
- Assembled using few elements
- Lightweight

PRECISE

- Accurate centering of drilling area
- Drilling speed control
- Perfect 90° alignment of hole and fitting
- Adjustment of the fitting in three steps: positioning - heating – welding

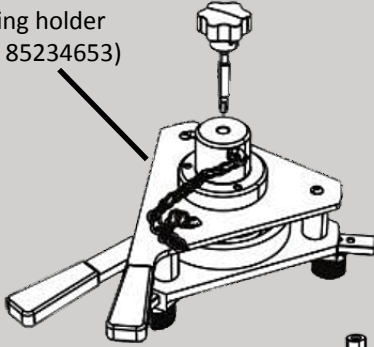
UNIVERSAL

- Materials: PP, PE
(and other thermoplastic materials)
- Multibrand pipes / fittings
- Main pipe from Ø 63 mm to 630 mm
- Branch pipe from Ø 32 mm to 125 mm
- Electric screwdriver or drill compatible
- Universal spindle for holesaws

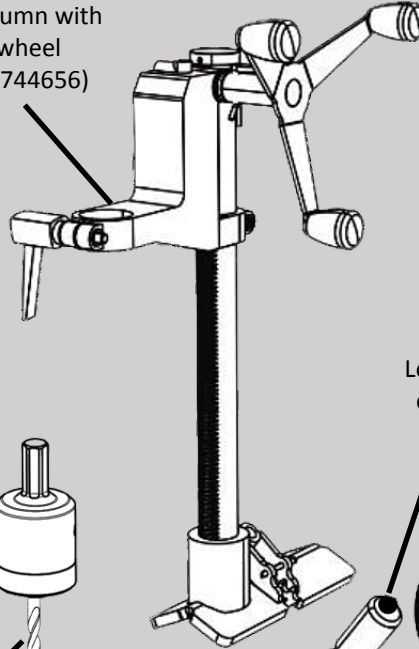
UP125

cod. 94650085 - STANDARD CONFIGURATION

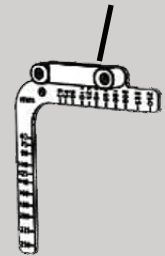
Fitting holder
(cod. 85234653)



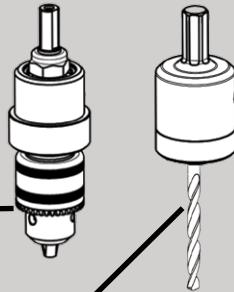
Fixing column with
handwheel
(cod. 81744656)



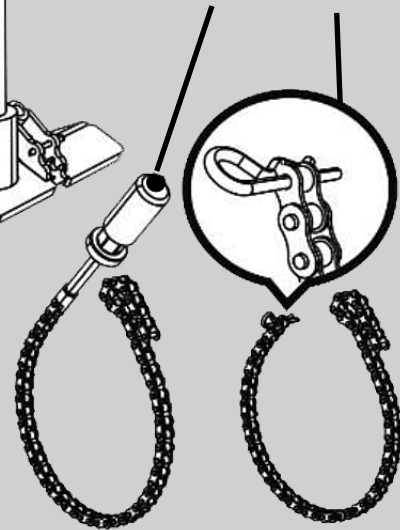
Metric pipe marking system
from Ø 63 to 250 mm
(cod. 88024650)



Adapter for electric
screwdriver drill
(cod. 84854650)



Locking chain and
chain extension



Transport case
(cod. 81294652)

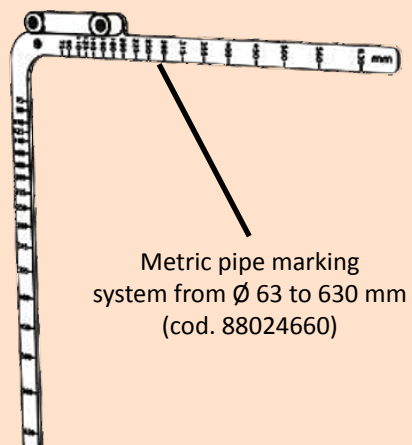


Universal spindle
for hole cutters
(cod. 94650100)



Space bar with
antistick protection
(cod. 86125400)

On request



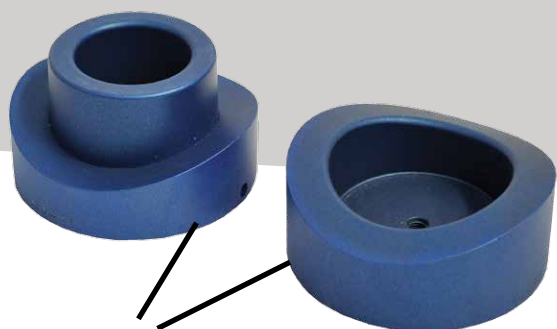
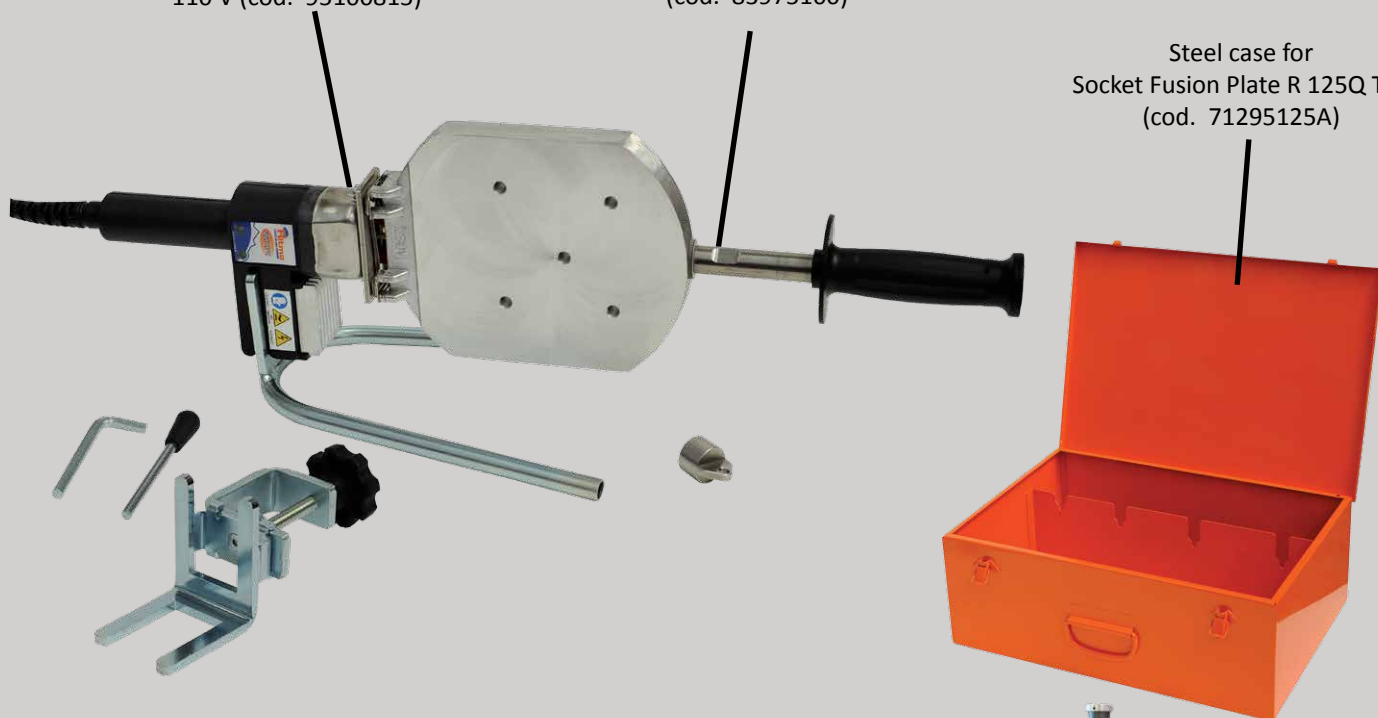
Metric pipe marking
system from Ø 63 to 630 mm
(cod. 88024660)

COMPLEMENTARY PRODUCTS ON REQUEST

Socket Fusion Plate R 125Q TFE
and Tools
230 V (cod. 95100750)
110 V (cod. 95100815)

Second Handle for
Socket Fusion Plate R 125Q TFE
(cod. 83975100)

Steel case for
Socket Fusion Plate R 125Q TFE
(cod. 71295125A)



Saddle Sockets M/F
up to \varnothing 125 mm

Drill Bits
from \varnothing 20/25 to 125 mm



Pipe Support
from \varnothing 40 to 400 mm
(cod. 99601010)

**PATENT
PENDING**

www.ritmo.it



HIGH CONTROL

WELDING QUALITY

From the very first stages of work, the UP 125 stands out for precision and accuracy. The special metric level supplied indicates the working points always aligned to manufacture manifolds even when pipes are curved.

The chain safe locker makes the centering handy, easy and safe. Once positioned, UP 125 guarantees the 90° between drilling and welding. The free rotation adjustment of the fitting holder allows maximum control throughout the welding cycle.

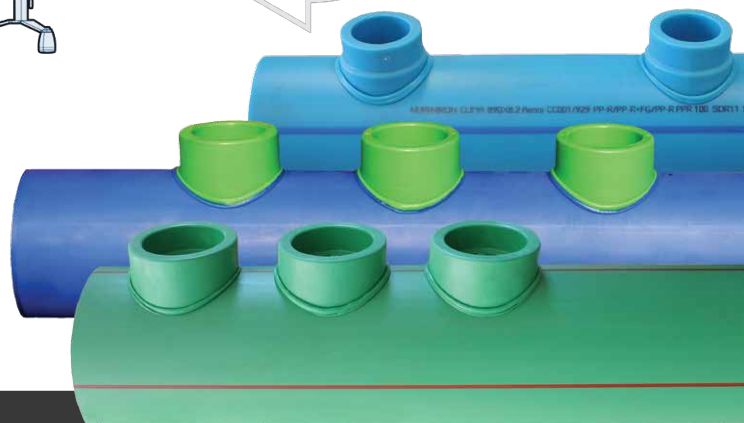
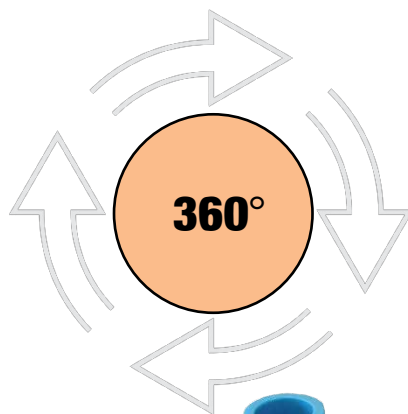
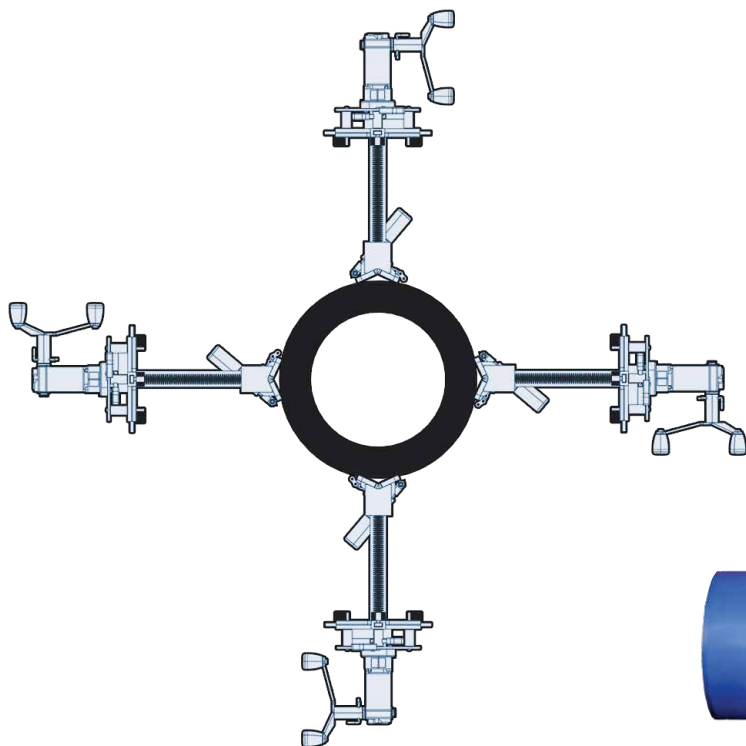
TECHNICAL SOLUTIONS

PERFECT COUPLING

Once fixed on the heating plate, the misalignment between male/female spigots is no longer a problem. Whether it is the heating or welding phase, the free rotation of the holding spindle always gives perfect coupling between the socket / fitting holder / pipe.

This detail guarantees accuracy throughout the whole welding cycle.





AS YOU WANT

TOTAL FREEDOM

The fixing system is designed to work on the entire circumference of the pipe making the UP 125 an extreme versatile tool.

TECHNICAL FEATURES

| | |
|--|--|
| Welding range (main pipe) | Ø 63 ÷ 630 mm |
| Welding range (saddle fitting) | Ø 32 ÷ 125 mm |
| Materials | PP, PE (and other thermoplastic materials) |
| Weight (machine, fixing tool and flywheel) | 8 Kg |
| Case weight | 7 Kg |
| Weight tot. Standard composition | 22,5 Kg |
| Max. size UP 125 on site | 520 x 500 x 260 mm |
| Transport case size | 420 x 580 x 177 mm |

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