PE WELDING EQUIPMENT · EXTRUSION WELDING · STARGUN K-SB SERIES

Ritmo STARGUN K-SB 50 Hand Extruder

A powerful, lightweight extruder for jobs that need a high volume of extruded material — linings, geotextiles, sheets and thick pipes, and applications that must resist continuous stress. Output up to 5 kg/h.

5 KG/H OUTPUT | ROD Ø4 – 5 MM | 230 V · 4000 W | TWO HANDLE OPTIONS



FEATURES

- Motor potentiometer with “motor block / cold start” safety system
- Independent blower
- Backlit display
- Double high-intensity LEDs light the welding area
- Double thermoregulator: air and plastification (welding to DVS 2207-4)
- Rotating handle
- Fixed lateral pre-heating as standard; 360° rotating air flow with adapter 81567801 (on request)

STANDARD EQUIPMENT

- K-SB 50 back handle or pistol grip, fixed lateral pre-heating with 32 mm nozzle (78947864C)
- Transport case with extruder support
- Welding shoe 90° fixed air – a 17.5 mm (86777843)
- Welding shoe V Flat fixed air – 25 mm (86777851)

On request: Welding shoes · Rotating welding shoe kit

TECHNICAL FEATURES

Parameter	Value
Materials	HDPE, PP
Rods	Ø4 – 5 mm
Sheets	1.5 – 40 mm
Output up to*	5 kg/h (HDPE rod Ø5 mm)
Dimensions — back handle	720 × 260 × 100 mm
Dimensions — pistol grip	600 × 330 × 100 mm
Power supply	230 V AC 50/60 Hz
Total absorbed power	4000 W
Weight	9 kg

* Output varies depending on the material.

WELDING SHOES — FIXED LATERAL AIR FLOW (STANDARD)

90° WELDING

Model	Sheet thickness	Article
90° – a 7 mm	10 mm	86777839
90° – a 8.4 mm	12 mm	86777840
90° – a 10.5 mm	15 mm	86777841
90° – a 14 mm	20 mm	86777842
90° – a 17.5 mm	25 mm	86777843
90° – a 21 mm	30 mm	86777844
90° – a 24.5 mm	35 mm	86777845
90° – a 28 mm	40 mm	86777846

V AND X WELDING

Model	V weld "S"	X weld "S"	Article
V Flat – 8	8 mm	16 mm	86777847
V Flat – 10/12	10 – 12 mm	20 – 25 mm	86777848
V Flat – 15	15 mm	30 mm	86777849
V Flat – 20	20 mm	35 – 40 mm	86777850
V Flat – 25	25 mm	—	86777851
V Flat – 30	30 mm	—	86777852
V Flat – 35	35 mm	—	86777853
V Flat – 40	40 mm	—	86777854

WELDING SHOES — 360° ROTATING AIR FLOW (ADAPTER 81567801)

90° WELDING

Model	Sheet thickness	Article
90° – a 7 mm	10 mm	86777821
90° – a 8.4 mm	12 mm	86777822
90° – a 10.5 mm	15 mm	86777823
90° – a 14 mm	20 mm	86777824
90° – a 17.5 mm	25 mm	86777825
90° – a 21 mm	30 mm	86777826
90° – a 24.5 mm	35 mm	86777827
90° – a 28 mm	40 mm	86777828

V AND X WELDING

Model	V weld "S"	X weld "S"	Article
V Flat – 8	8 mm	16 mm	86777829
V Flat – 10/12	10 – 12 mm	20 – 25 mm	86777830
V Flat – 15	15 mm	30 mm	86777831
V Flat – 20	20 mm	40 mm	86777832

ACCESSORIES

Item	Article
Special welding shoe support 45° (support only)	80047830
Special welding shoe support 90° (support only)	80047820
Special nozzle 180 mm	86777800
Nozzle for corrugated pipes	76777840
360° rotating air flow adapter	81567801
Lateral fixed pre-heating adapter	81567800

Item	Article
Conical 20	86777817
Conical 14	86777818
Geotextile kit	86777814
Nozzle 18 mm	78947844C
Nozzle 25 mm	78947854C
Nozzle 32 mm	78947864C
Nozzle 48 mm	78947874C

Welding rod also available: HDPE Ø4 – 5 mm, PP Ø3 – 4 mm. The information and photos in this publication are not binding and Ritmo S.p.A. is free to make any alterations without prior notice. Global Water Group — your trusted Ritmo distributor for PE welding solutions.