K-SB 60



The **K-SB 60** is an extruder with an **output of up to 6.2 kg/h** (HDPE), it can be used for welding linings, geo-textiles, plates, thick tubes, and other applications where a large amount of extruded material is required. Welding quality is ensured by motor speed control and a thermoregulator for both air and material.

The machine contains:

- A blacklight display
- 2 LEDs that illuminate the welding zone
- A potentiometer as a safety system, which blocks the engine so that a too cold start is prevented.
- An independent built-in air blower
- A double thermoregulator (air & mass)
- A rotating handle
- A transport case with holder for the extruder
- A handle at the back of the extruder
- Welding shoes (for air supply at a fixed location) 90° a=21mm and V plane 30mm

TECHNICAL DATA

		K-SB 60
Weldable Sheet Thickness	Mm	1.5 - 40mm
Weldable Sheet Thickness at 90° 2 Seams	Mm	
Weldable Sheet Thickness V Seam	Mm	
Weldable Sheet Thickness X Seam	Mm	16 - 40 mm
According to DVS with adapted welding shoes		Yes
Materials		HDPE, PP
Extrusion Capacity for HDPE	kg/h	6.2 kg/h
Usable welding wire	diam in mm	4 - 5 mm
Power supply		230V - 1~
Consumed power	W	4200 W
Hot Air Temperature		Adjustable
Extruder Room Temperature		Adjustable
Setting range Hot air temperature	°C	250 °C / 365 °C
Setting range Extruder room temperature	°C	195 °C / 260 °C
Sound level	LwA	78 dBA
LED lighting on welding surface	number	2
Wire input hole		Right
Potentiometer extruder speed		Yes
Dimensions	L x W x H	730 x 260 x 100 mm
Weight	Kg	9.3 kg

MACHINES

97800079	STARGUN K-SB 60 BRA (back handle) Schuko Plug- (230V - 1~)
97800075	STARGUN K-SB 60 BRA (back handle)- (230V - 1~)
97800077	STARGUN K-SB 60 GH (liner/geotextile handle) - (230V - 1~)
97800080	STARGUN K-SB 60 GH (liner/geotextile handle) Schuko Plug- (230V - 1~)

OPTIONS

86777823	90° - a 10,5mm 360° Rotating Shoe Complete with Holder
86777841	90° - a 10,5mm Shoe Fixed Lateral Pre-Heating
86777824	90° - a 14mm 360° Rotating Shoe Complete with Holder
86777842	90° - a 14mm Shoe Fixed Lateral Pre-Heating
86777825	90° - a 17,5mm 360° Rotating Shoe Complete with Holder
86777843	90° - a 17,5mm Shoe Fixed Lateral Pre-Heating
86777826	90° - a 21mm 360° Rotating Shoe Complete with Holder
86777844	90° - a 21mm Shoe Fixed Lateral Pre-Heating
86777827	90° - a 24,5mm 360° Rotating Shoe Complete with Holder
86777845	90° - a 24,5mm Shoe Fixed Lateral Pre-Heating
86777828	90° - a 28mm 360° Rotating Shoe Complete with Holder
86777846	90° - a 28mm Shoe Fixed Lateral Pre-Heating
86777821	90° - a 7mm 360° Rotating Shoe Complete with Holder
86777839	90° - a 7mm Shoe Fixed Lateral Pre-Heating
86777822	90° - a 8,4mm 360° Rotating Shoe Complete with Holder
86777840	90° - a 8,4mm Shoe Fixed Lateral Pre-Heating
81567801	Adapter 360° Pre-Heating (require 360° rotating shoes)
81567800	Adapter Fixed Lateral Pre-Heating (require nozzle)
86777818	Conical 14 Complete with Holder
86777817	Conical 20 Complete with Holder
86777800	Extrusion Nozzle Long (L=180mm)
76777840	Extrusion Nozzle Short (L=60mm)
86777814	GeoTextile Teflon Shoe Complete with Holder
84907801	KIT Geotextile Handle
NL-78947844C	Nozzle 18 for adapter fixed lateral pre-heating
NL-78947854C	Nozzle 25 for adapter fixed lateral pre-heating
NL-78947864C	Nozzle 32 for adapter fixed lateral pre-heating
NL-78947874C	Nozzle 48 for adapter fixed lateral pre-heating
Reinlas	Purging / Cleaning rod 4mm, 2kg
80047830	Special Support 45° for welding Shoe
80047820	Special Support 90° for welding Shoe
86777812	Teflon Bloc 39x37x30mm Complete with Holder
86777830	V Flat - 10/12 360° Rotating Shoe Complete with Holder
86777848	V Flat - 10/12 Shoe Fixed Lateral Pre-Heating
86777831	V Flat - 15 360° Rotating Shoe Complete with Holder
86777849	V Flat - 15 Shoe Fixed Lateral Pre-Heating
86777832	V Flat - 20 360° Rotating Shoe Complete with Holder
86777850	V Flat - 20 Shoe Fixed Lateral Pre-Heating
86777851	V Flat - 25 Shoe Fixed Lateral Pre-Heating
86777852	V Flat - 30 Shoe Fixed Lateral Pre-Heating
86777853	V Flat - 35 Shoe Fixed Lateral Pre-Heating

86777854	V Flat - 40 Shoe Fixed Lateral Pre-Heating
86777829	V Flat - 8 360° Rotating Shoe Complete with Holder
86777847	V Flat - 8 Shoe Fixed Lateral Pre-Heating