

MUNSCH

Plastic Welding Technology



FHS Poly | fhs.com.au | 1300 347 111

Extrusion Welders



Munsch is the world's leader in plastic extrusion welding equipment. In fact, Erich Munsch invented the hand held extrusion welder in 1973.

All guns are made to the exacting standards of ISO 9001. Features include:

- Ideal for field welding applications
- Ease of operation
- Programmable
- Brushless Hot Air Blower
- Cold Start Protection
- Easily accessible drive brushes
- No additional air supply required



HIRE ME



Mini

MUNAK03969BS4

Max Welding Rate	0.6 kg/h, Ø 3mm,
Base Material	PP/PE/PVDF/PVC/PVC-C/Nylon/ Polyurethane/ABS/PFA
Weld Material	Round Rod Ø 3 mm
Application Range	Wall thickness 2 - 10 mm
Weight / Length	3.2 kg / 450 mm
Electronic Speed Control	Yes
Cartridge Heater	875 W
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes

HIRE ME



MAK-18-S (Single Heat Source)

MUNAK04672

Max Welding Rate	1.8 kg/h Ø 4mm. 1.1 kg/h Ø 3mm
Base Material	PP / PE / PVDF
Weld Material	Round Rod Ø 3 / 4mm
Application Range	Wall thickness 4 - 15 mm
Weight / Length	4.8 kg / 455 mm
Electronic Speed Control	Yes
Cartridge Heater	-
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes



MAK-18-B (Dual Heat Source)

MUNAK04676

Max Welding Rate	1.8 kg/h, Ø 4mm 1.1 kg/h, Ø 3mm
Base Material	PP / PE / PVDF
Weld Material	Round Rod Ø 3 / 4mm
Application Range	Wall thickness 4 - 15 mm
Weight / Length	5.5 kg / 455 mm
Electronic Speed Control	Yes
Cartridge Heater	400 W
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes

Did you know the Mak-18-B can extrude 1.8kg per hour! (based on 4mm weld rod)



Extrusion Welders



Other extrusion welder models available.
Contact FHS Poly on **1300 347 111**



MAK-32-S (Single Heat Source)

MUNAK05207

Max Welding Rate	3.2 kg/h, Ø 4mm 1.8 kg/h, Ø 3mm
Base Material	PP / PE / PVDF
Weld Material	Round Rod Ø 3 / 4mm
Application Range	Wall thickness 8 - 30 mm
Weight / Length	7.6 kg / 660 mm
Electronic Speed Control	Yes
Cartridge Heater	-
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes



MAK-32-B (Dual Heat Source)

MUNAK04905

Max Welding Rate	3.2 kg/h, Ø 4mm 1.8 kg/h, Ø 3mm
Base Material	PP / PE / PVDF
Weld Material	Round Rod Ø 3 / 4mm
Application Range	Wall thickness 8 - 30 mm
Weight / Length	7.6 kg / 660 mm
Electronic Speed Control	Yes
Cartridge Heater	650 W
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes



MAK-58-B (Dual Heat Source)

MUNAK04690

Max Welding Rate	5.8 kg/h, Ø 5mm 3.8 kg/h, Ø 4mm
Base Material	PP / PE / PVDF
Weld Material	Round Rod Ø 4 / 5mm
Application Range	Wall thickness 12 - 40 mm
Weight / Length	10.2 kg / 700 mm
Electronic Speed Control	Yes
Cartridge Heater	800 W
Hot Air Blower	2300 W
Brushless Hot Air Blower	Yes



ECO-M Series 2, 3 and 5kg Models (Single Heat Source)

MUNAK04690

All information dependent on model (M2, M3, M5)	
Max Welding Rate	2.2, 3.2, 5.1 kg/h @ Ø 4 mm 1.3, 1.8, 3.4 kg/h @ Ø 3 mm
Base Material	PP/PE
Weld Material	Round Rod Ø 3/4mm, 3/4mm, 4/5mm
Application Range	Wall thickness: 4mm up to 40mm (depending on model)
Weight	4.8kg, 6.4kg, 9.6kg
Length	450mm, 660mm, 710mm
Heat source	Forsthoff Quick-L
Drive:	UX-1



How to choose the right Munsch extrusion welder for your needs.

Welders are designed for specific applications, but once you know:

- What range of materials you want to weld;
- What range of thicknesses the material you want to weld are;
- How much weld you wish to apply at one time;

You can then use the table below to determine which welders will meet your needs.

For example, if you want to weld 6mm thick PE100 sheets, with 4mm diameter weld rod, you could choose a Mini, a Mak-18-S, a Mak-18-B or even an ECO-M2. If however you also wanted to weld PVC, you'd need to go with a Mini.

Further, Dual Heat, provides for greater weld control, hence a better quality result.

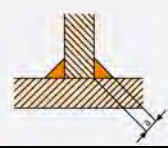


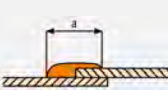
MAK-18-B's are the most popular choice up to 15mm sheet thicknesses.

If in doubt, call our team of experts at FHS Poly **1300 347 111** to help you choose the right machine for your range of applications.

	Heat Specs			Weldrod			Output (kg/hr)	Wall thickness (mm)	Weldable material										
	Heat (single or dual)	Cartridge (mm)	Start Protection	3mm	4mm	5mm			HDPE	LDPE	LLDPE	PE100	PP	PVDF	PVC	PVC-O	MYLON	Polyurethane	ABS
Mini	D	875	Y	•			0.6	2 to 10	•										
					•		0.9			•									
MAK-18-S	S	-	Y	•			1.1	4 to 15	•	•	•								
					•		1.8			•	•								
MAK-18-B	D	400	Y	•			1.1	4 to 15	•	•	•								
					•		1.8			•	•								
MAK-32-S	S	-	Y	•			1.8	8 to 30	•	•	•								
					•		3.2			•	•								
MAK-32-B	D	650	Y	•			1.8	8 to 30	•	•	•								
					•		3.2			•	•								
MAK-58-B	D	800	Y	•			3.8	12 to 40	•	•	•								
							5.8			•	•								
ECO-M 2	S	-	N	•			1.3	4 to 15	•	•	•								
					•		2.2			•	•								
ECO-M 3	S	-	N	•			1.8	8 to 25	•	•	•								
					•		3.2			•	•								
ECO-M 5	S	-	N	•			3.4	10 to 40	•	•	•								
							5.1			•	•								



Genuine Munsch Welding Shoes

Shoe Type	Genuine Munsch Welding Shoes					
	MAK/MEK18 & 25; EK; UKR; SKR; MA/ME25 & 25S		MAK32; MAK/MEK 36, 40, 48, 58 & 65; GMA/GME50; E3, E5, U2, U4, U5R, U7R,		MINI	
	07 x 40mm Fillet welding shoe (42)	G07684	10 x 60mm Fillet welding shoe (43)	G07678	4mm Fillet welding shoe (67)	K05346
	10 x 40mm Fillet welding shoe (42)	G07729	21 x 60mm Fillet welding shoe (43)	K07677	7mm Fillet welding shoe (67)	K05344
	40 x 40mm Fillet welding shoe (42)	G07675				
	15 x 40mm V welding shoe (42)	G07997	10 x 60mm V welding shoe (43)	G08282		
	15 x 60mm V welding shoe (42)	G08360	20 x 60mm V welding shoe (43)	G08318		
	20 x 40mm V welding shoe (42)	K04897				
	10 x 40mm X welding shoe (42)	G07748				
	25 x 40mm Film welding shoe (42)	G07680	40 x 50mm Film welding shoe (43)	G07679	10mm Film welding shoe (67)	K04724
	25 x 60mm Film welding shoe (42)	G08900	25 x 40mm Film welding shoe (43)	G09034	15 x 1.9mm Film welding shoe (67)	K05347
			25 x 60mm Film welding shoe (43)	G10105		
Unshaped Welding Shoes	0 x 60mm unshaped welding shoe (42)	G07691	0 x 40 unshaped welding shoe (43)	G07695	Mini unshaped welding shoe (67)	K04457
	0 x 40mm unshaped welding shoe (42)	G07692	0 x 60mm unshaped welding shoe (43)	G07697		
			0 x 80mm unshaped welding shoe (43)	G07712		

