

MUNSCH

welding together.



OFFICIAL DISTRIBUTORS:

Barnes

Plastic Welding Equipment Ltd.

Unit 11, Hamilton Street, Blackburn, Lancashire, BB2 4AJ

Tel: +44 (0) 1254 660910

E-mail: info@plasticweldingequipment.co.uk

Website: www.plasticweldingequipment.co.uk

PRODUCT PORTFOLIO INDEX

*Ready,
when you are*

04
About MUNSCH

08
*Product overview
by application areas*

10
Equipment for plastic fabrication

*High-end_12
Brushless_14
Narrowest application areas_16
Minimalistic & analog_17
All-rounder_18
ROB extruder_19
PVC specialist_20
Accessories_21*

*Equipment
for geosynthetics and sealing*

24
*High-end_26
Brushless_27
Hot wedge welders_28
Granulate specialists_30
Accessories_31*

Service

*Welding shoes_37
Services_39*

34

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Website: www.plasticweldingequipment.co.uk

Welding together

Your job demands maximum precision and absolutely reliable equipment. The lifespan and safety of entire projects depend on your welding skills and the right tools. For this demanding task, you need no compromises—you need MUNSCH as a partner you can rely on 100%.

With MUNSCH by your side, you always have the plastic welding extruder or hot wedge welder that fits your project perfectly in terms of function and ergonomics. And a service that brings things together—like a good welding seam.



The beginning of a mission



In 1972, Erich Munsch took the decisive step: he invented the first handheld plastic welding extruder. What began as a bold idea quickly became a breakthrough—a tool that changed the industry and set standards worldwide. Today, you benefit from this pioneering achievement. MUNSCH plastic welding extruders, hot wedge welders, and accessories accompany you wherever precision counts, reliability is required, and innovation makes the difference.

With MUNSCH, you get not only technology, but also a piece of pioneering spirit—the spirit with which it all began.



Plastic fabrication

The Prime Performers

High-end

MAX-18 —————○
 MAX-32
 MAX-36



The Runtime Champions

Brushless

MAX-25 —————○
 MAX-40
 MAX-65



The Narrow Specialist

Narrowest application areas

MAX-18 Compact —————○



The Minimalist Heroes

Minimalist & analog

MAX-18 S —————○
 MAX-32 S



The Mini Miracle

All-rounder

MUNSCH MINI —————○



The Automatic Agent

ROB Extruder

Various sizes



Geosynthetics and sealing

The Prime Performers

High-end

MAX-48 —————○
 MAX-58



The Runtime Champions

Brushless

MAX-40 —————○
 MAX-65



The Wedge Welding Professionals

Hot wedge welders

WEDGE-IT Micro —————○
 WEDGE-IT Multi Eco / Multi
 WEDGE-IT / WEDGE-IT Plus



Cross-functional

The Special Taskforce

For special operations

MAX PVC - Info see p. 20

Granulate devices - Info see p. 30 —————○





Equipment for plastic fabrication

Tank and plant construction (chemical and steel industry)

Water/wastewater

Pool construction

Boat construction

District heating

Aquaculture & fish farming

Lining of steel or GRP composite tanks
with thermoplastics or fluorinated

plastics Granulate welding

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The Prime Performers

The Prime Performers are your ideal entry-level series for professionals—built with genuine MUNSCH DNA. Easy to handle, quiet in operation, clear and ergonomic in design. Plus, an improved blower for stable performance and, all in all, maintenance-friendly technology. And with the dual-beam LED, you always have your work area in view. This unit delivers—with minimal effort and maximum benefit.

MAX-18

Light, quiet, compact, with 2.2 kg/h output. Also available in 115 V.

Order no. K07785



Application area	4 - 20 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 / 4 mm
Max. welding performance	Ø 4 mm: 2.2 kg/h Ø 3 mm: 1.3 kg/h
Device weight	5,3 kg
Device length	640 mm
Extruder motor drive	with carbon brushes
Power box required	no

MAX-32

Strong weight-output ratio with 3.2 kg/h output. Also available in 115 V.

Order no. K07787



Application area	8 - 30 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 / 4 mm
Max. welding performance	Ø 4 mm: 3.2 kg/h Ø 3 mm: 1.8 kg/h
Device weight	7,4 kg
Device length	747 mm
Extruder motor drive	with carbon brushes
Power box required	no

MAX-36

5 mm rod, more powerful drive for 3.6 kg/h output, d-handle or pistol grip possible.

Order no. K08185



Application area	8 - 30 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 3.6 kg/h Ø 4 mm: 2.0 kg/h
Device weight	8,7 kg
Device length	570 mm
Extruder motor drive	with carbon brushes
Power box required	no

The Runtime Champions

When every weld seam counts and downtime is not an option: Our Runtime Champions are the hand welding extruders for continuous industrial operation. Equipped with extremely durable, brushless motors and a welding performance that sets new standards at the highest level. For all those who demand maximum performance, minimal maintenance, and absolute reliability. For true champions in plastic welding.

MAX-25

Our smallest version with brushless motor—light, quiet, compact, with 2.5 kg/h output.

Order no. K07786



Application area	4 - 20 mm
Welding material	PP / PE / PVDF
Max. welding performance	Ø 4 mm: 2.5 kg/h Ø 3 mm: 1.5 kg/h
Welding rod diameter	Ø 3 / 4 mm
Device weight	5,5 kg
Device length	640 mm
Extruder motor drive	brushless
Power box required	yes

MAX-40

5 mm rod, the "medium"—with 4 kg/h output.

Order no. K07788



Application area	8 - 30 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 4.0 kg/h Ø 4 mm: 2.5 kg/h
Device weight	7,8 kg
Device length	747 mm
Extruder motor drive	brushless
Power box required	yes

MAX-65

Extremely light with a maximum output of 6.5 kg/h, even 50 mm plate thickness can be welded in one layer.

Order no. K07789



Application area	12 - 50 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 6.5 kg/h Ø 4 mm: 4.0 kg/h
Device weight	8,8 kg
Device length	847 mm
Extruder motor drive	brushless
Power box required	yes

The Narrow Specialist

Sometimes millimeters make the difference. That's exactly why there is the MAX-18 Compact—the shortest extruder in our MAX series. Small in size and uncompromising when it comes to performance, durability, and ease of use. In short: a tool for all operations where you have to work in tight spaces—precise, unobtrusive, effective.

MAX-18 Compact

Compact version of the MAX-18, light, quiet, only about 450 mm long. Also available in 115 V.

Order no. K08114



Application area	4 - 20 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 / 4 mm
Max. welding performance	Ø 4 mm: 2.2 kg/h Ø 3 mm: 1.3 kg/h
Device weight	5,5 kg
Device length	460 mm
Extruder motor drive	with carbon brushes
Power box required	no

The Minimalist Heroes

Not every application requires special gadgets. When simple operation, clear design, and a noticeable price advantage are needed, our Minimalist Heroes come into play—reduced to the essentials, handy in use, uncompromisingly reliable.

MAX-18 S

Analog version of the MAX-18, even lighter. Also available in 115 V.

Order no. K08049



Application area	4 - 20 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 / 4 mm
Max. welding performance	Ø 4 mm: 2.2 kg/h Ø 3 mm: 1.3 kg/h
Device weight	4,8 kg
Device length	480 mm
Extruder motor drive	with carbon brushes
Power box required	no

MAX-32 S

Analog version of the MAX-32, light and powerful.

Order no. K08050



Application area	8 - 25 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 / 4 mm
Max. welding performance	Ø 4 mm: 3.2 kg/h Ø 3 mm: 1.8 kg/h
Device weight	7,6 kg
Device length	570 mm
Extruder motor drive	with carbon brushes
Power box required	no


The Mini Miracle

The miracle in miniature: The Mini Miracle is the all-rounder for operations where maneuverability is especially important. With only 3.5 kilograms of operating weight, it is the lightest extruder in the squad—built for agility and maximum control. It even allows you to operate it with one hand.

MUNSCH MINI

Only 3.5 kg weight. Also available in 115 V.

Order no. K07400



Application area	2 - 10 mm
Welding material	PP / PE / PVDF / PVC-C, as special version also PFA / ECTFE
Welding rod diameter	Ø 3 mm
Max. welding performance	0.6 kg/h
Device weight	3,5 kg
Device length	450 mm
Extruder motor drive	with carbon brushes
Power box required	no

The Automatic Agent

Lightness is its strongest weapon. The Automatic Agent sets new standards among ROB extruders. Because the control and frequency converter are outsourced, the actual extruder unit remains extremely compact—in the small version at just 4.5 kilograms. This means: smaller robot arms, lower costs, maximum efficiency.

ROB Extruder

Various sizes available on request.



Application area	4 - 50 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 3 - 5 mm, granulate
Max. welding performance	from approx. 1.0 to 7.3 kg/h
Device weight	varies depending on device type
Device length	varies depending on device type
Extruder motor drive	brushless
Power box required	yes

The Special Taskforce

The MAX PVC—with familiar design highlights, it is ready for your operations with PVC.



**More info
anytime
on request**


+49 (0) 2623 898-80
info-kst@munsch.de

- Designed for medium plate thicknesses (20 or even 30 mm)
- Comes with familiar design highlights from the MAX series

PLASTIC FABRICATION ACCESSORIES

Add-ons: suitable for your mission

Measuring & testing

01		02	
01	Bending tester MB-15	Order no. K05933A	
02	Digital thermometer	Order no. K01022	

Get basically equipped

Welding shoe set 1A: 5-10 mm	Order no. K07958
1B: 10-20 mm	Order no. K07959
2A: 10-25 mm	Order no. K07961
2B: 25-40 mm	Order no. K07962

Clean finishing

Also available in 115 V.



Weld seam trimmer **Order no. K01405D**

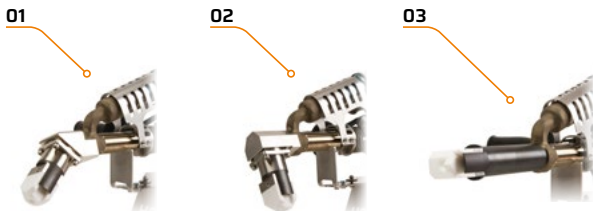
Welding light material

Each also available in 115 V.



01 Hand welding device set **Order no. K05813A**
02 Hand welding device set **Order no. K05939A**

Reach better



01 Angle head 45° **Order no. K04122**
02 Angle head 90° **Order no. K04123**
03 Extruder extension **Order no. K03231**

Ensure optimal posture



Shoulder support for extruder **Order no. K07994**

Control extruder performance externally

Required for all brushless extruders.



Power box **Order no. K02782D**

Practical unwinding




01 Welding rod dispenser **Order no. K03421**
02 Welding rod dispenser Duo-Roll: **Order no. K07897**

Transport safely

With foam lining.



Transport case **Various versions available on request**



Equipment for geosynthetics and sealing

Concrete formwork (building construction)

Hall sealing

Civil engineering

Landfill construction

Mining

Tunnel construction

Granulate welding

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The Prime Performers

They are your entry into the MUNSCH world: easy to handle, quiet in operation, ergonomically designed. With improved blower, maintenance-friendly technology, and dual-beam LED, they deliver reliably—minimal effort, maximum benefit.

MAX-48

Powerful drive for up to 4.8 kg/h output, 5 mm rod possible.



Order no. K08188

Application area	10 - 35 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 4.8 kg/h Ø 4 mm: 3.2 kg/h
Device weight	8,7 kg
Device length	570 mm
Extruder motor drive	with carbon brushes
Power box required	no

MAX-58

Powerful drive for up to 5.8 kg/h output, 5 mm rod possible.



Order no. K08190

Application area	12 - 40 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 5.8 kg/h Ø 4 mm: 3.8 kg/h
Weight	10,2 kg
Length	700 mm
Extruder motor drive	with carbon brushes
Power box required	no

The Runtime Champions

Built for situations where relentlessly consistent performance is essential, they run almost wear-free and guarantee reliable power. This takes your productivity to a new level!

MAX-40

5 mm rod, the “medium one”—with 4 kg/h output.



Order no. K07847

Application area	8 - 30 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 4.0 kg/h Ø 4 mm: 2.5 kg/h
Device weight	7,8 kg
Device length	747 mm
Extruder motor drive	brushless
Power box required	yes

MAX-65

Maximum output of 6.5 kg/h, 5 mm rod possible.



Order no. K07848

Application area	12 - 50 mm
Welding material	PP / PE / PVDF
Welding rod diameter	Ø 4 / 5 mm
Max. welding performance	Ø 5 mm: 6.5 kg/h Ø 4 mm: 4.0 kg/h
Device weight	8,8 kg
Device length	847 mm
Extruder motor drive	brushless
Power box required	yes

The Wedge Welding Professionals

Our specialists for uncompromising joining of plastic films. Each unit has its own profile—from the flexible lightweight, which is ready for many materials, to the power pro, which is available either in a cost-effective analogue or high-tech version, up to the speed talent that quickly masters strong films of different qualities. Whatever you are looking for—here you will find the right “pro” for every operation.

WEDGE-IT Micro

Only 7.5 kg weight, suitable for many materials. Also available in 115 V.

Order No. K05932



Application area	0,3 - 1,5 mm
Welding material	PP / PE-HD / PVC
Max. welding speed	6 m/min
Max. temperature	500 °C
Power	1150 W
Device weight	7,5 kg
Device dimensions (L x W x H)	320 x 260 x 265 mm
Wedge length	56,5 mm
Pressure rollers	2
Data recording	no

WEDGE-IT Multi Eco / WEDGE-IT Multi

Powerful, available in analog or high-tech (with data recording).

Order No. Multi Eco K06919A

Order No. Multi K06914A



Application area	1 - 3 mm
Welding material	PP / PE-HD / PVC (with stainless steel wedge)
Max. welding speed	4.3 m/min
Max. temperature	450 °C
Power	1500 W
Device weight	19 kg
Device dimensions (L x W x H)	370 x 270 x 345 mm
Wedge length	96 mm
Pressure rollers	6
Data recording	Multi Eco: no Multi: yes

WEDGE-IT / WEDGE-IT Plus

Fast, powerful, flexible. Switchable between 230 V and 115 V.

Order No. Wedge-it K02582

Order No. Wedge-it Plus K06814



Application area	1 - 2,5 mm
Welding material	PP / PE-HD / PVC (with stainless steel wedge)
Max. welding speed	6.5 m/min
Max. temperature	450 °C
Power	2120 W
Device weight	24 kg
Device dimensions (L x W x H)	410 x 310 x 315 mm
Wedge length	96 mm
Pressure rollers	Wedge-it: 6 Wedge-it Plus: 12
Data recording	no

The Special Taskforce

The granulate specialists in the field of plastic fabrication as well as geosynthetics and sealing.



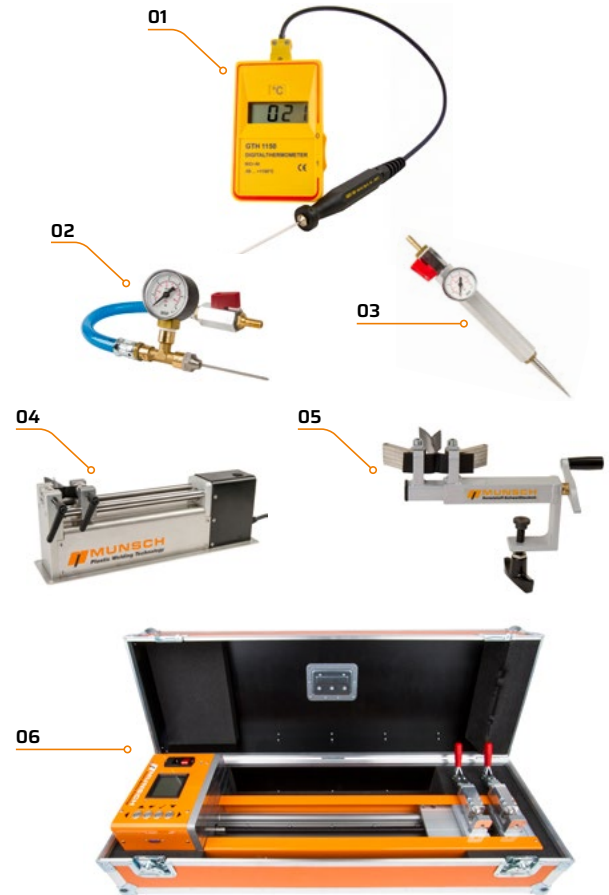
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on request**

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info-kst@munsch.de

- Several versions available up to max. 7.3 kg/h output
- New MAX blowers integrated—with optimized runtime
- Application advice on request

Add-ons: suitable for your mission

Test & monitor



01	Digital thermometer	Order no. K01022
02	Standard pressure testing device	Order No. K01768
03	Stable pressure testing device	Order No. K05695
04	Tensile strength tester Zug-OK	Order No. K04811
05	Tensile strength tester Hand	Order No. K03678
06	Tensile strength tester Accura-Dat	Order No. K06650

Get basically equipped



Welding shoe set 1C **Order No. K07960**
2C **Order No. K07963**

Welding light material

Also available in 115 V.



Hand welding device set **Order No. K05809A**

Keep sealed



Vacuum device **Various versions available on request**

Pull into position



Film puller **Order no. K05229**

Smooth, press and cut



01 Silicone pressure roller **Order no. K01674**
02 Silicone pressure roller **Order no. K01689**
03 Knife **Order no. K05549**
04 Knife **Order no. K01945**

Practical unwinding



01 Welding rod dispenser **Order no. K03421**
02 Welding rod dispenser Duo-Roll: **Order no. K07897**

Effortlessly take samples



Coupon cutter **Order no. K04875**

Transport safely



Transport case **Various versions available on request**



Service



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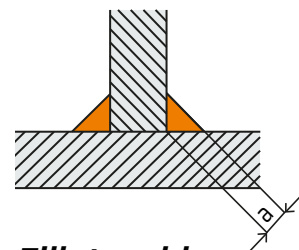
SERVICE **WELDING SHOES**

Your project, your seam, your welding shoe

With us, you get welding shoes that are manufactured exactly according to your specifications. Because depending on the material, thickness and seam geometry, you need an individual solution—and the shape of the welding shoe ultimately determines the quality of the weld seam.

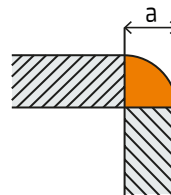


V/X seam

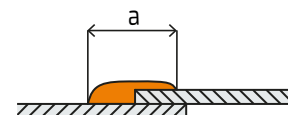


Fillet weld

Whether V, X, fillet, corner or film seam: With the right welding shoe and the MUNSCH plastic welding devices, every seam fits perfectly. Even particularly demanding installation situations can be mastered—reliably and without compromise.



Corner seam



Film seam

For outer corners, films or special geometries—with us you get the welding shoe that fits your project exactly. Precisely manufactured, optimally matched, ready for use.



SERVICE SERVICES

Our professionals by your side

Our mission: the perfect welding solution. Do you have questions about the optimal technique for your project? Need support choosing the right welding device or the right accessories? Don't worry—we are already on the job. Our support is as practical as it is reliable and is always at your side:

- **Repair**
quickly done, usually in 1 to 2 working days
- **Regular maintenance & inspection**
so that everything runs smoothly
- **Material tests** for clarity and safety
- **Application consulting** precisely tailored to your tasks
- **Training & device instruction**
so that you are always perfectly prepared



Your projects deserve more than standard, they deserve our service—just call: **+44 (0) 1254 660910** or use the contact forms online: **www.plasticweldingequipment.co.uk**