LEISTER®

Hot Air and Plastic Welding Solutions

General Catalog

swiss made

Leister Brand Products

Quality for Reliability

With innovative ideas and extensive application knowledge, we develop modules, devices and machines for the world market. Our focus is always on functionality, ergonomics and attractive design. Our consistent process and quality management from the product idea to the end of the service life of our products ensures the Leister quality that has been known for decades and meets the highest demands. Leister stands for performance in premium products – around the clock and around the globe.

We know how.

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We are Leister

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Grooving Devices

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Testing Instruments

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Accessories

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We are Leister

Experienced engineers, product managers and spe - FLDOLVWV IURP ,62 FHUWL¾HG /HLVWHU $* LQ 6ZLW zerland develop products and systems for plastic ZHOGLQJ DSSOLFDWLRQV DQG IRU JHQHUDWLQJ LQGXVWUL al process heat. Based on innovative technologies including hot air, contact heat, extrusion, laser and infrared, and our passion for customized solutions, ZH UH DEOH WR VLJQL¾FDQWO\-LQ¿XHQFH RXU PDUNHW VHJ PHQW DQG VHW KLJK VWDQGDUGV ZRUOGZLGH

Our employees are proud to produce high-quality premium SURGXFWV R» HUL QJ VWURQJ UHOLDEOH HUDWLRQ ZLWK RXU ZRUOGZLGH FXVWRPH VXSSOLHUV LV HVVHQWLDO IRU RXU PXWX SURYLGH VDOHV DQG VHUYLFH VXSSRUW FRXQWULHV (LJKW FRXQWU\ VXEVLGL VHUYLFH SRLQWV JXDUDQWHH RXU ZRUOG WRPHU SUR[LPLW\

Global Leader in Plastics Processing

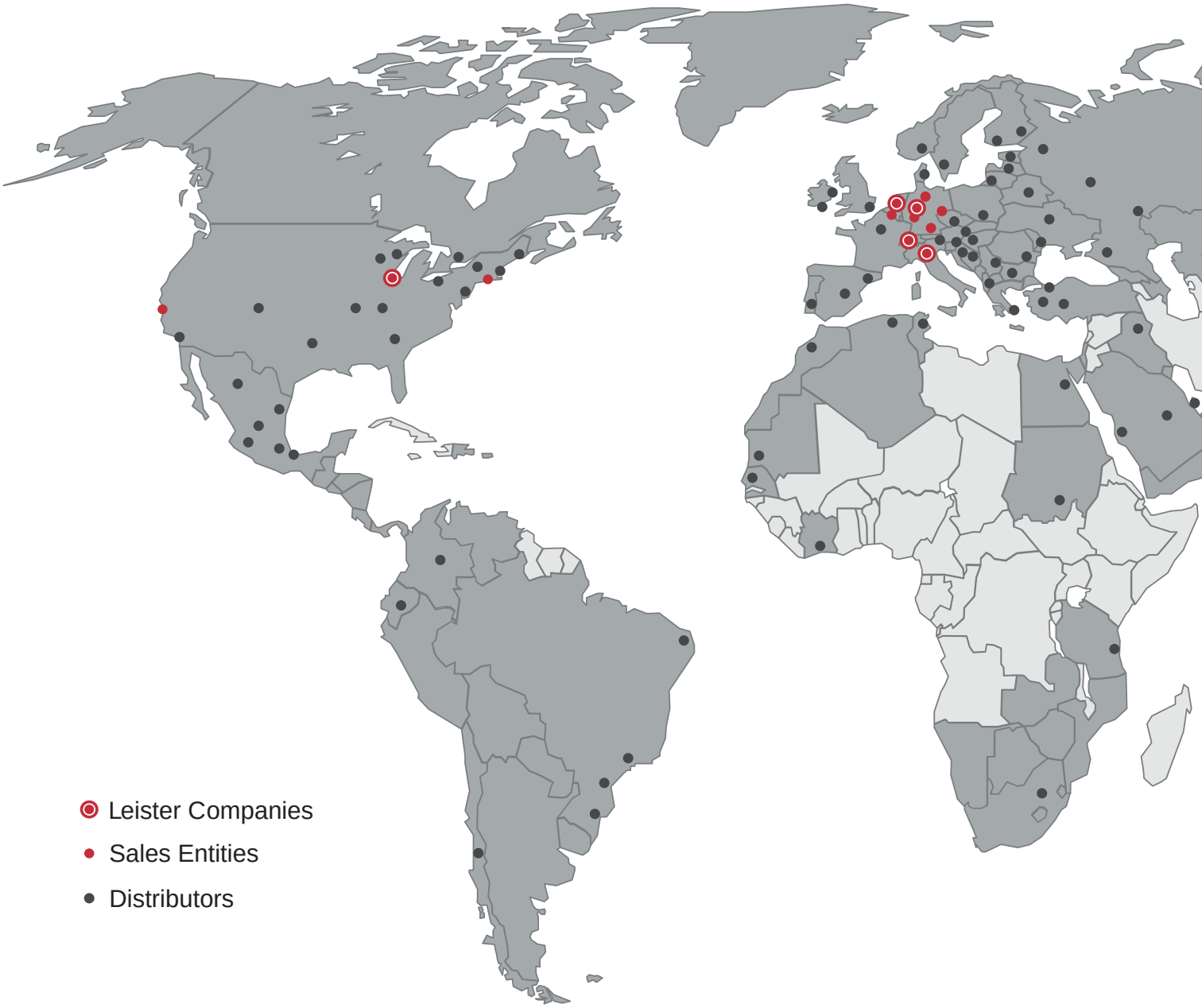
/HLVWHU LV FKDUDFWHUL]HG E\ SURGXFWV IHDWXULQJ D ZLGH UDQJH
GHVLJQHG IRU D EURDG VSHFWUXP RI DSSOLFDWLRQV :H GHYHORS DQ
LQFOXGLQJ DFFHVVRULHV IRU ZHOGLQJ VKULQNLQJ IRUPLQJ KHDWL
SODVWLF ZHOGLQJ 3ODVWLF :HOGLQJ 3URGXFWV DQG LQGXVWULDO S
+HDW DQG /DVHU 6\VWHPV

Plastic Welding Products

7KH /HLVWHU SURGXFW UDQJH IRU SODVWLF ZHOGLQJ VKULQNLQJ IRUPLQJ
KDQG WRROV H[WUXGHUV DQG ZHOGLQJ DFFHVVRULHV IRU FUDIWVPHQ DQG LQGXVWULDO SURFKVYKHDW DQG SO
\HDUV RI H[SHULHQFH ZH R»HU \RX SURGXFWV DQG VHUYLFHV WKDW VHW VWDQGDUGV LQ \RXU UHVSHFWLYH ZLGH UDQJH RI H[SHUFWLVH

Industrial Heat and Laser Systems

/HLVWHU R»HU LQFOXGHV KRWQRUR
DLUFKLQHVHG DQG GDVHUR7KLV PHDQV W
PHRIDQG LQGXVWULDO SURFKVYKHDW DQG SO
WRRQV VRXZLOHU³YLGHW
ZLGH UDQJH RI H[SHUFWLVH



Global Presence and Customer Proximity

2XU ZRUOGZLGH VDOHV DQG VHUYLFH QHWZRUN ZLWK VDOHV DQG VH
presence and proximity on all continents.

)RU GHFDGHV ZH KDYH HQMR\HG FORVH FXVWRPHU UHODWLRQVKLSV WKURXJK RX
RXU FORVH QHWZRUN RI ORFDO VDOHV DQG VHUYLFH SDUWQHUV $GGLWLRQDOO\

Headquarters

/HLVWHU $*
Galileo-Strasse 10
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6ZLW]HUODQG

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OHLVWHU JURXS FRP

Development & Manufacturing
RI WKH %UDQG /HLVWHU

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We are local. Worldwide.

2XU VDOHV DQG VHUYLFH SDUWQHUV UHJXODUO\ SDUWLFLSDWH LQ WUDLQLQJ FR
DFFRUGLQJO\ 7KLV ZD\ ZH JXDUDQWHH RXU FXVWRPHUV FRPSHWHQW VHUYLFH Z

0RGHUQ ORJLVWLFV KXEV DV ZHOO DV HTXLSPHQW DQG VSDUH SDUWV ZDUHKRXV
GHOLYHULHV ZRUOGZLGH

Services

'R \RX ZDQW WR NQRZ ZKLFK /HLVWHU SURGXFWV EHVW PHHW \RXU UHTXLUHPHQWV" 'R \RX KDYH D VSHFL¾F FKDOOHQJH ZKHQ ZRUNLQJ ZLWK D /HLVWHU SURGXFW" 'R \RX QHHG LQIRUPDWLRQ RQ FRQVXPDEOHV DQG VSDUH SDUWV?

Our sales and service points

6FDQ WKH 45 FRGH ZLWK WKH FDPHUD RQ \RXU GHYLFH WR DFFHVV WKH ZRUOGZLGH QHWZRUN RI /HLVWHU SDUWQHUV

Leister services at a glance

/HLVWHU R»HUV WKH IROORZLQJ VHUYLFHV

- Product advice
- $SSOLFDWLRQ DGYLFH
- 7UDLQLQJ
- Repair
- $GYLFH RQ DFFHVVRULHV FRQVXPDEOHV DQG VSDUH SDUWV

Leister Academy

7KH /HLVWHU $FDGHP\ SURPRWHV WKH NQRZOHGJH DQG professional competence of our customers, sales SDUWQHUV DQG HPSOR\HHV ,W R»HUV PDQ\ WUDLQLQJ VHV VLRQV IRU GL»HUHQW WDUJHW JURXSV DQG QHHGV

/HLVWHU $FDGHP\ HSHUWV FRQYH\ WKHLU LQ VHYHUDO ODQJXDJHV ERWK LQ GLJLW WUDLQLQJ FRXUVHV 7KH /HLVWHU $FDGHP

- 7HFKQLFDO WHDLQLQJ IRU YDULRXV SUR
- 9DULRXV H OHDUQLQJ PHGLD RQOLQH W
- 7UDLQLQJ DQG GHYHORSPHQW SURJUDP
- &ODVVURRP DQG UHPRWH WUDLQLQJ SUR topics
- 7UDLQ WKH 7UDLQHU SURJUDPV

Innovation and Technology

/HLVWHU LV WKH WHFKQRORJ\ OHDGHU LQ GULYLQJ PDUNHW VHJ
ments. Our core technologies – hot air, contact heat, extrusion, laser and infrared – are crucial for the long-term success of our customers.

([SHUWV IURP UHVHDUFK DQG GHYHORSPHQW ZRUN FORVHO\ WRJHWKHU RQ RXU SURGXFW SRUWIROLR 7KLV DOORZV XV WR RIIHU FRQGLWLRQ PRQLWRULQJ DQG QHZ DSSOLFDWLRQ SRVVLELOLWLHV DQG PDWHULDO UHTXLUHPHQWV

Research and development

'HFDGHV RI H[SHULHQFH LQ MRLQL-QJ SODVWLFV DQG LQ GHYHORS DO SURFHVV KHDW PDNH XV \RXU TXDOLW¾HG SDUWQHU QHZ DQG RSWLPL]H H[LVWLQJ SURGXFWV ZLWK JUHDW SDVVLRQ DQG LQ H[FKDQJH ZLWK RXU FXVWRPHUV IURP DQG WUDGH 2XU FXVWRPHUV EHQH¾W IRP RXU W\ LQQRYDWLRQ DQG H¼FLHQF\

Innovation drives us

RI RXU HPSOR\HHV ZRUN LQ UHVHDUFK 6SHFLDOLVWV IURP WKH ¾HOGV RI SURGX HQJLQHHULQJ PHFKDQLFDO HQJLQHHULQ LQJ DQG SURGXFW GHVLJQ GHYHORS WKH

PHQW ZRUN FORVHO\ WRJHWKHU RQ RXU SDUWQHU DQG GHYHORS RXU SURGXFW SRUWIROLR 7KLV DOORZV XV WR RIIHU FXVWRPHU QHH DQG PDWHULDO UHTXLUHPHQWV

&HUWL¾HG SURGXFWV PHHW JO

2XU SURGXFWV DUH GHVLJQHG DQG GHYH QDWLRQDO DQG LQWHUQDWLRQDO VWDQG DV ;62 ,&((1 RU 6) VWDQGDUGV DUH DOV ¾HG SDUWQHU HGHYHORS ZHOO DV DSSOLFDWLRQ UHODWHG VWD

LQ H[FKDQJH ZLWK RXU FXVWRPHUV IURP LQGXVWULHV DQG LQGHSH DQG WUDGH 2XU FXVWRPHUV EHQH¾W IRP RXU LQQRYDWLRQ DQG H¼FLHQF\ PHHW WKH UHTXLUHG FULWHULD WKH\ DU /LVWLQJ 0DUN DQG RU WKH &(PDUN- DV ZH WL¾FDWLRQV IRU H[DPSOH 7KHVH FHUWL WKH FRQGLWLRQ WKDW WKH SURGXFW PD FKHFNV :LWKLQ WKH VFRSH RI XQDQQRXQ HQVXUH WKDW SURGXFWLRQ LV LQ DFFRUG

LEISTER

Available on the App Store

GET IT ON Google Play

GPS supported myLeister app

Leister-Quality-System (LQS)

/46 DQG P\/HLVWHU DSS JXDUDQWHH \RX PDNH EHQH¾W
7KDQNV WR /46 \RX DQG \RXU FXVWRPHUV UHFHLYH GRFXPHQWHG
HYLGHQFH RI WKH ZHOGLQJ TXDOLW\

:LWK WKH /46 IXQFWLRQ DQG WKH P\/HLVWHU DSS \RX FDQ UHFRUG
WKH UHOHYDQW ZHOGLQJ SDUDPHWHUV XPH RXWSXW DQG ZHOGLQJ IRFH GXULQJ ZHOGLQJ 7KLV PDNHV IXQFWLRQV IRU HYDOXDWLQJ \RXU ZHOGLQJ

,Q WKH H[SRUW IXQFWLRQ RI WKH P\/HLVWHU DSS UHFRUGHG GDWD LQ 3') UHSRUWV DQG VHQG WKHP E\ HPDLO 7KH UHSRUWV FRQWDLQ FHDU UHSUHVHQWDWLRQV RI WKH SDUDPHWHUV DV JUDSKV DQG LQ WDEOLH IRUP 6XEVHTXHQW DUFKLYLQJ LV JXDUDQ WHHG VHFXUHO\ YLD WKH P\/HLVWHU FORXG

%RWK \RX DQG \RXU FOLHQWV EHQH¾W :K\ QRW UHJLVWHU WRGD\ DQG WDNH DGY
7KH /46 ZLOO SURYLGH \RX DQG \RXU FOLHQWV ZLWK SURRI WKH
ZHOG TXDOLW\ LQFOXGLQJ *36 FRRUGLQDWHV 7KLV EXLOGV WUXVW LQ
\RXU ZRUN DQG DQ XQEHDWDEOH DGYDQWDJH RYHU FRPSHWLWRUV

Check the weld quality thanks to LQS and GPS directly on the construction site

:LWK WKH *36 IXQFWLRQ \RX FDQ DVVLJQ
PHQWDWLRQ H[DFWO\ WR WKH ORFDWLRQ
7KLV JLYHV \RX WKH RSWLRQ RI WHVWLQJ
RQ WKH FRQVWUXFWLRQ VLWH 7KLV LV E
WHPSHUDWXUH VSHHG DLU YRO
UHO LDEO\ LGHQWLI\ SRVVLEOH GHIHFWV L
/46 UHSRUWV 7KH *36 FRRUGLQDWHV KHOS
HG DUHD TXLFNO\ DQG HDVLO\ VR \RX FDQ
QWHUYHQH \VLPSO\ VDYH WKH
myLeister app
UHSRUWV RI WKH SDUDPHWHUV DV
\RX FDQ GRZQORDG WKH P\/HLVWHU DSS I
\RXU DPP VWRUH L26 RU IURP WKH *RRJC
EHQH¾WV R»HUHG E\ WKH DSS

LQS
Leister-Quality-System

GPS
Global-Positioning-System

Wi-Fi
Wireless Fidelity

Heat Guns

TRIAC AT

The TRIAC AT heat gun is designed to weld and mold plas - tic. The temperature and air quantity can be set separately by means of its e-Drive control unit.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500–1600 W	
Temperature	40–620 °C	104.0–1148.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	120–240 l/min	4.23–8.47 cfm
Stepless air volume adjustment	Yes	
Static pressure	3000 Pa	0.43 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	335.0 mm	13.18 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	1.02 kg	2.24 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	CH	

Product items

TRIAC AT, 230V/1600W, EU plug	141.314
TRIAC AT, 120V/1600W, US plug	141.316
TRIAC AT, 100V/1500W, JP plug	141.317
TRIAC AT, 120V/1600W, CEE 3/16	141.319
TRIAC AT, 230V/1600W, UK plug	141.320
TRIAC AT, 230V/1600W, AU plug	141.321
TRIAC AT, 230V/1600W, CH plug	141.322
TRIAC AT, 230V/1600W, CN plug	141.323
TRIAC AT, 230V/1600W, M14, EU plug	142.737
TRIAC AT, 220V/1600W, KR plug	148.005

& R Q ¾ J X U H product

TRIAC ST

The TRIAC ST is a robust, universally versatile heat gun for welding plastic membranes, and shrinking and molding var - ious thermoplastics.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500–1600 W	
Temperature	40–700 °C	104.0–1292.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	240 l/min	8.47 cfm
Stepless air volume adjustment	No	
Static pressure	3000 Pa	0.43 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	338.0 mm	13.3 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	0.99 kg	2.18 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	CH	

Product items

TRIAC ST, 230V/1600W, EU plug	141.227
TRIAC ST, 120V/1600W, US plug	141.228
TRIAC ST, 100V/1500W, JP plug	141.230
TRIAC ST, 120V/1600W, CEE 3/16	141.308
TRIAC ST, 230V/1600W, UK plug	141.309
TRIAC ST, 230V/1600W, AU plug	141.310
TRIAC ST, 230V/1600W, CH plug	141.311
TRIAC ST, 230V/1600W, CN plug	141.312
TRIAC ST, 230V/1600W, M14, EU plug	144.013
TRIAC ST, 220V/1600W, KR plug	153.891

& R Q ¾ J X U H product

ELECTRON ST

With a power of 3400 Watts, the ELECTRON ST is an espe - cially strong heat gun. Well-suited for professional welding R I P R G L ¾ H G E L W X P H Q D Q G W K H U P R S O D V W L F V in the automotive industry and for welding truck tarpaulins. strength.

GHIBLI AW

The robust and ergonomically formed GHIBLI AW heat gun is designed for shrinking cables, heating and forming plas - V P D W H U L D O V Z H O G L Q J D Q G S R Z H U I X O Z H O G L Q J

Technical data

Voltage	120 V; 200 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	2300–3400 W	
Temperature	40–650 °C	104.0–1202.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	360 l/min	12.71 cfm
Stepless air volume adjustment	No	
Static pressure	3400 Pa	0.49 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	50 mm / 2 in	
Length	338.0 mm	13.3 in
Device diameter	90 mm	3.54 in
Handle diameter	56 mm	2.2 in
Weight	1.18 kg	2.6 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; KC; S+	
Protection class	II	
Country of origin	CH	

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–2300 W	
Temperature	65–620 °C	149.0–1148.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	140–250 l/min	4.94–8.82 cfm
Stepless air volume adjustment	No	
Static pressure	3200 Pa	0.46 psi
Eco-Mode	No	
Display	Yes	
e-Drive	Yes	
Outdoor use	Yes	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	280.0 mm	11.02 in
Width	90.0 mm	3.54 in
Handle diameter	45 mm	1.77 in
Weight	1.18 kg	2.6 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; S+	
Protection class	II	
Country of origin	CH	

Product items

ELECTRON ST, 120V/2400W, US plug	145.562
ELECTRON ST, 120V/2400W, CEE 3/32	145.563
ELECTRON ST, 200V/3000W, JP plug	145.564
ELECTRON ST, 230V/3400W, AU plug	145.565
ELECTRON ST, 230V/3400W, CN plug	145.566
ELECTRON ST, 230V/3400W, EU plug	145.567
ELECTRON ST, 230V/3400W, CEE 3/16	145.568
ELECTRON ST, 230V/3400W, w/o plug	145.574
ELECTRON ST, 230V/2300W, EU plug	149.673
ELECTRON ST, 220V/3400W, KR plug	154.839

& R Q ¾ J X U H product

Product items

GHIBLI AW, 230V/2300W, EU plug	148.061
GHIBLI AW, 120V/1800W, US plug	148.078
GHIBLI AW, 100V/1500W, JP plug	148.079
GHIBLI AW, 230V/2300W, UK plug	150.168
GHIBLI AW, 230V/2300W, CH plug	150.169
GHIBLI AW, 120V/1800W, CEE 3/16	150.170

& R Q ¾ J X U H product

SOLANO AT

7KH 62/$12 $7 LV WKH ¾UVW GLJLWDO KHDW JXQ WKDW VXS-
ports real temperature calibration in connection with the myLeister app (iOS, Android, Windows), regardless of any attached nozzle. The Eco-Mode helps to reduce electricity costs.

Cable shrinking

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500–2300 W	
Temperature	50–650 °C	122.0–1202.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	210–350 l/min	7.41–12.36 cfm
Stepless air volume adjustment	Yes	
Static pressure	2300 Pa	0.33 psi
Eco-Mode	Yes	
Display	Yes	
e-Drive	No	
Outdoor use	No	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	270.0 mm	10.62 in
Width	75.0 mm	2.95 in
Handle diameter	45 mm	1.77 in
Weight	0.75 kg	1.65 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	CH	

Product items

SOLANO AT, 230V/2300W, EU plug	162.263
SOLANO AT, 230V/2300W, CH plug	162.265
SOLANO AT, 230V/2300W, UK plug	162.267
SOLANO AT, 230V/2300W, AU plug	162.269
SOLANO AT, 220V/2100W, KR plug	162.271
SOLANO AT, 120V/1800W, US plug	162.273
SOLANO AT, 100V/1500W, JP plug	162.275
SOLANO AT, 230V/2300W, CN plug	162.277

& R Q ¾ J X U H product

GHIBLI

The GHIBLI is a universal heat gun suited for numer - ous industrial applications. For example, cable shrinking in the electronics industry and for plastic processing in orthopedics.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–2000 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	300–350 l/min	10.59–12.36 cfm
Stepless air volume adjustment	No	
Static pressure	1500–2100 Pa	0.21–0.3 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	36.5 mm / 1.45 in	
Length	195.0 mm	7.67 in
Width	85.0 mm	3.34 in
Handle diameter	57 mm	2.24 in
Weight	1.2 kg	2.64 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; UL	
Protection class	II	
Country of origin	CH	

Product items

GHIBLI, 230V/2000W, EU plug	101.881
GHIBLI, 230V/2000W, CH plug	101.882
GHIBLI, 230V/2000W, AU plug	101.883
GHIBLI, 120V/1500W, CEE 3/16	101.889
GHIBLI, 120V/1500W, US plug	101.891
GHIBLI, 100V/1500W, JP plug	101.892

& R Q ¾ J X U H product

HOT JET S

The HOT JET S is a particularly compact and handy heat J X Q (T X L S S H G Z L W K D Q H U J R Q R P L F K D Q G adjustable temperature, the HOT JET S is ideal for longer welding work.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	460 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
$ L U ¿ R Z “ &	20–80 l/min	0.7–2.82 cfm
Stepless air volume adjustment	Yes	
Static pressure	1600 Pa	0.23 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	21.3 mm / 0.85 in	
Length	235.0 mm	9.25 in
Device diameter	70 mm	2.75 in
Handle diameter	40 mm	1.57 in
Weight	0.36 kg	0.79 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; KC; S+; UL	
Protection class	II	
Country of origin	CH	

Product items

HOT-JET S, 230V/460W, EU plug	100.648
HOT-JET S, 230V/460W, CH plug	100.688
HOT-JET S, 230V/460W, AU plug	100.854
HOT-JET S, 120V/460W, US plug	100.859
HOT-JET S, 120V/460W, w/o plug	100.862
HOT-JET S, 100V/460W, JP plug	100.863
HOT-JET S, 230V/460W, CN plug	138.414
HOT-JET S, 220V/460W, KR plug	140.030

& R Q ¾ J X U H product

HOTWIND PREMIUM

The durable HOTWIND PREMIUM heat gun is suitable for a range of industrial hot air applications. Also available are various accessories, such as tubular nozzles, overlap weld - LQJ QR]]OHV DQJOHG QR]]OHV DQG VWDQGV

Technical data

Voltage	120 V; 220 V; 230 V; 400 V	
Frequency	50/60 Hz; 60 Hz	
Power	2300–5400 W	
Max. air outlet temperature	650–800 °C	1202–1472 °F
$ L U ¿ R Z “ &	200–900 l/min	7.06–31.78 cfm
Static pressure	800–1000 Pa	0.11–0.14 psi
Max. ambient temperature	60 °C	140 °F
Overheating protection	Yes	
Display	No	
Nozzle connection ø	62 mm / 2.45 in	
Length	332.0–357.0 mm	13.07–14.05 in
Width	106.0 mm	4.17 in
Height	179.0 mm	7.04 in
Weight	2.2–2.4 kg	4.85–5.29 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; EAC; KC; S+; UKCA; cURus	
Protection class	II	
Country of origin	CH	

Product items

HOTWIND PREMIUM, 120V/2300W, w/o plug	140.095
HOTWIND PREMIUM, 230V/3680W, w/o plug	140.098
HOTWIND PREMIUM, 230V/3100W, EU plug	142.608
HOTWIND PREMIUM, 230V/3680W, EU plug	142.609
HOTWIND PREMIUM, 230V/2300W, EU plug	142.612
HOTWIND PREMIUM, 230V/2300W, w/o plug	142.643
HOTWIND PREMIUM, 400V/5400W, w/o plug	142.644
HOTWIND PREMIUM, 220V/3350W, KR plug	143.299

& R Q ¾ J X U H product

HOTWIND SYSTEM

Thanks to its brushless motor, the HOTWIND SYSTEM is durable and requires very little maintenance. Thanks to the interface with alarm contact, heating output and air volume can be controlled remotely. O ¾ O W H U V

Technical data

Voltage	120 V; 220 V; 230 V; 400 V	
Frequency	50/60 Hz; 60 Hz	
Power	2300–5400 W	
Max. air outlet temperature	650 °C	1202 °F
Air temperature control	Closed loop	
$ L U ¿ R Z “ &	200–900 l/min	7.06–31.78 cfm
Static pressure	800–1000 Pa	0.11–0.14 psi
Max. ambient temperature	60 °C	140 °F
Overheating protection	Yes	
Display	Yes	
Interfaces	0–10V; 4–20mA	
Nozzle connection ø	62 mm / 2.45 in	
Length	332.0 mm	13.07 in
Width	106.0 mm	4.17 in
Height	179.0 mm	7.04 in
Weight	2.2–2.4 kg	4.85–5.29 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	G % $	
Approvals	CE; EAC; KC; S+; UKCA; cURus	
Protection class	II	
Country of origin	CH	

Product items

HOTWIND SYSTEM, 230V/2300W, w/o plug	140.096
HOTWIND SYSTEM, 120V/2300W, w/o plug	142.636
HOTWIND SYSTEM, 230V/3700W, w/o plug	142.640
HOTWIND SYSTEM, 400V/5400W, w/o plug	142.641
HOTWIND SYSTEM, 230V/3700W, EU plug	142.645
HOTWIND SYSTEM, 230V/2300W, EU plug	142.646
HOTWIND SYSTEM, 220V/3350W, 60Hz, KR plug	143.804

& R Q ¾ J X U H product

Foil shrinking

FORTE S3

Leister's most powerful heat gun, FORTE S3, facilitates ¿DPH IUHH VDIH ¾OP VKULQNLQJ DĘG KR aged goods on pallets.

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	10000 W	
Temperature	650 °C	1202.0 °F
Temperature setting stepless	No	
$ L U ¿ R Z “ &	1000 l/min	35.31 cfm
Stepless air volume adjustment	No	
Static pressure	1200 Pa	0.17 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	92 mm / 3.6 in	
Length	390.0 mm	15.35 in
Device diameter	132 mm	5.19 in
Handle diameter	84 mm	3.3 in
Weight	3.4 kg	7.49 lb
Power cable length	10.0 m	32.8 ft
Noise emission level	G % $	
Approvals	CE; S+	
Protection class	II	
Country of origin	CH	

Product items

FORTE S3, 3 x 400V/10kW, CEE 5/16	102.027
FORTE S3, 3 x 230V/10kW, CEE 5/32	102.030

& R Q ¾ J X U H
product

DIODE S

Thanks to the air hose connection for an external Leister blower like MINOR, ROBUST or AIRSTREAM, the DIODE S welding device is particularly easy and convenient to use. Ideal for mobile installation use.

Technical data

Voltage	100 V; 120 V; 200 V; 230 V	
Frequency	50/60 Hz	
Power	1400–2000 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	265.0 mm	10.43 in
Device diameter	57 mm	2.24 in
Handle diameter	40 mm	1.57 in
Weight	0.46 kg	1.01 lb
Power cable length	3.0 m	9.84 ft
Approvals	& % & H U W L ¾ F D W L R Q & (8 . &	
Protection class	II	
Country of origin	CH	

Product items

DIODE S, 230V/2000W, EU plug	101.279
DIODE S, 230V/2000W, M14, EU plug	101.280
DIODE S, 230V/1600W, EU plug	101.281
DIODE S, 230V/1600W, M14, EU plug	101.282
DIODE S, 230V/1600W, CH plug	101.283
DIODE S, 230V/1600W, AU plug	101.285
DIODE S, 200V/1400W, w/o plug	101.289
DIODE S, 120V/1600W, US plug	101.291
DIODE S, 120V/1600 W, M14, US plug	101.292
DIODE S, 120V/1600W, CEE 3/16	101.293
DIODE S, 120V/1600W, M14, CEE 3/16	101.294
DIODE S, 100V/1400W, JP plug	101.297
DIODE S, 230V/1600W, CN plug	135.971

& R Q ¾ J X U H product

DIODE S with MINOR

The hot air tool DIODE S with the MINOR blower in the practical kit is the right hot air combination for assembly work on construction sites. Supplied connected to one an - R W K H U LQ D ¾ [H G P D Q Q H U W K H G H Y L F H V

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–1700 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
Stepless air volume adjustment	No	
Static pressure	5000 Pa	0.72 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	256.0 mm	10.07 in
Device diameter	57 mm	2.24 in
Handle diameter	40 mm	1.57 in
Power cable length	3.0 m	9.84 ft
Air hose length	1.5–3.0 m	4.92–9.84 ft
Noise emission level	G % $	
Approvals	& % & H U W L ¾ F D W L R Q & (8 . & $	
Protection class	II	
Country of origin	CH	

Product items

DIODE S/MINOR, 230V/1700W, 3m, EU plug	101.440
DIODE S/MINOR, 230V/1700W, 1.5m, EU plug	101.441
DIODE S/MINOR, 120V/1700W, US plug	101.447
DIODE S/MINOR, 100V/1500W, JP plug	101.449
DIODE S/MINOR, 230V/1700W, 3m, M14, EU plug	108.869
DIODE S/MINOR, 230V/1700W, 1.5m, M14, EU plug	108.870
DIODE S/MINOR, 230V/1700W, CN plug	136.241

& R Q ¾ J X U H product

LABOR S

The small and handy hot air tool LABOR S is suitable for particularly demanding work such as soldering, shrinking, plas - W L F Z H O G L Q J L Q F R Q ¾ Q H G V S D F H V D Q G K H V W R U D W L R Q R I D U W Z R U N V and antiques.

LABOR S with MINOR

The LABOR S hot air tool is the ideal and practical combination for particularly small-surface welding and soldering work in poorly accessible areas. The kit includes the MINOR blower.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	600–800 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	21.3 mm / 0.85 in	
Length	180.0 mm	7.08 in
Device diameter	40 mm	1.57 in
Handle diameter	32 mm	1.25 in
Weight	0.18 kg	0.39 lb
Power cable length	3.0 m	9.84 ft
Approvals	CE; UKCA	
Protection class	II	
Country of origin	CH	

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	700–900 W	
Temperature	20–600 °C	68.0–1112.0 °F
Temperature setting stepless	Yes	
Stepless air volume adjustment	No	
Static pressure	5000 Pa	0.72 psi
Eco-Mode	No	
Display	No	
e-Drive	No	
Outdoor use	Yes	
Nozzle connection ø	21.3 mm / 0.85 in	
Length	180.0 mm	7.08 in
Device diameter	40 mm	1.57 in
Handle diameter	32 mm	1.25 in
Power cable length	3.0 m	9.84 ft
Air hose length	1.5–3.0 m	4.92–9.84 ft
Noise emission level	G % $	
Approvals	CE; UKCA	
Protection class	II	
Country of origin	CH	

Product items

LABOR S, 230V/800W, junction box, EU plug	101.716
LABOR S, 120V/600W, junction box, US plug	101.721
LABOR S, 230V/800W, junction box, SI-hose, EU plug	101.727
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/ $ % 2 5 6 9 : ¿ D W F R U G Z R S O X J	
LABOR S, 230V/800W, UK plug	112.233

Product items

LABOR S/MINOR, 230V/900W, 3m, EU plug	101.748
LABOR S/MINOR, 230V/900W, 3m, CH plug	101.749
LABOR S/MINOR, 230V/900W, EU plug	101.754
LABOR S/MINOR, 120V/700W, EU plug	101.755

& R Q ¾ J X U H
product

& R Q ¾ J X U H
product

PENWELD A

The PENWELD A external-air welder is suitable for precise plastic welding in apparatus and tank construction. The work light integrated in the handle keeps the welding zone under control even in dark sections.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1000–1550 W	
Temperature	60–600 °C	140.0–1112.0 °F
Temperature setting stepless	Yes	
Display	Yes	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	254.0–282.0 mm	10.0–11.1 in
Device diameter	54 mm	2.12 in
Handle diameter	37 mm	1.45 in
Weight	0.43–0.48 kg	0.94–1.05 lb
Power cable length	0.5 m	1.64 ft
Approvals	& % & H U W L ¾ F D W L R Q & (8 . &	
Protection class	II	
Country of origin	CH	

Product items

PENWELD 305-A, 230V/1000W, 3m, M14, EU plug	173.367
PENWELD 305-A, 120V/1000W, 3m, M14, US plug	173.368
PENWELD 305-A, 230V/1000W, 3m, M14, CH plug	173.369
PENWELD 305-A, 230V/1000W, 8m, M14, EU plug	173.370
PENWELD 305-A, 230V/1000W, 8m, M14, CH plug	173.371
PENWELD 500-A, 230V/1550W, 3m, EU plug	173.376
PENWELD 500-A, 120V/1550W, 3m, US plug	173.377
PENWELD 505-A, 230V/1550W, 8m, M14, EU plug	175.598
PENWELD 500-A, 230V/1550W, 3m, CN plug	177.344
PENWELD 505-A, 230V/1550W, 8m, M14, CN plug	177.346

& R Q ¾ J X U H
product

PENWELD S

The handy, robust PENWELD S external-air welder is inten - tionally simple in design to enable intuitive operation and Z L W K V W D Q G K H D Y \ O R D G V ' L » H U H Q-W G H Y vidual needs.

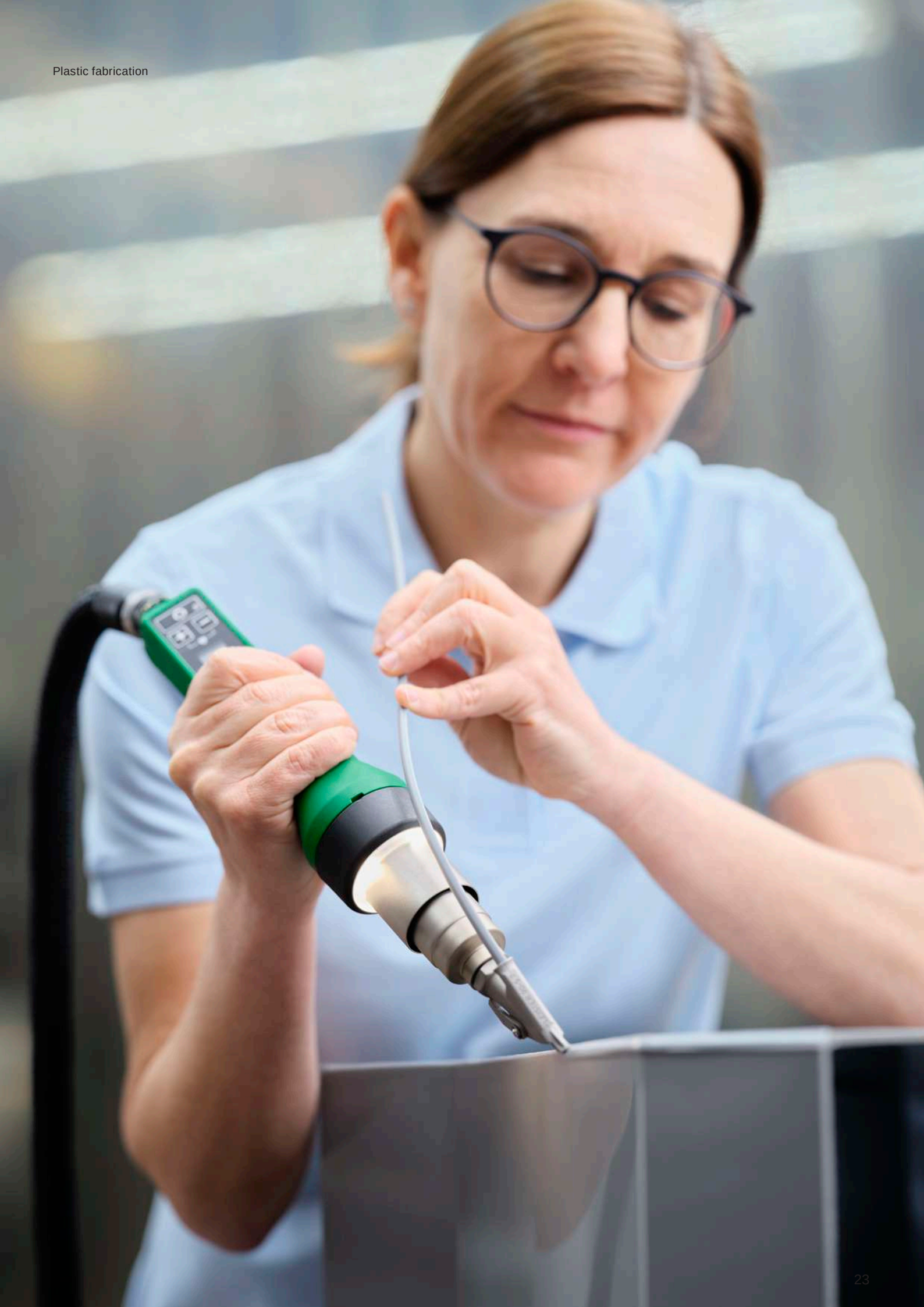
Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1000–1550 W	
Temperature	60–600 °C	140.0–1112.0 °F
Temperature setting stepless	Yes	
Display	No	
Outdoor use	Yes	
Nozzle connection ø	31.5 mm / 1.25 in; M14	
Length	254.0–275.0 mm	10.0–10.82 in
Device diameter	54 mm	2.12 in
Handle diameter	37 mm	1.45 in
Weight	0.41–0.46 kg	0.9–1.01 lb
Power cable length	0.5 m	1.64 ft
Approvals	CE; UKCA	
Protection class	II	
Country of origin	CH	

Product items

PENWELD 305-S, 230V/1000W, 3m, M14, EU plug	173.372
PENWELD 305-S, 230V/1000W, 3m, M14, CH plug	173.373
PENWELD 305-S, 120V/1000W, 3m, M14, US plug	173.374
PENWELD 305-S, 230V/1000W, 8m, M14, EU plug	173.375
PENWELD 500-S, 230V/1550W, 3m, EU plug	173.378
PENWELD 500-S, 120V/1550W, 3m, US plug	173.379
PENWELD 500-S, 230V/1550W, 3m, CN plug	177.345

& R Q ¾ J X U H
product



Extrusion Welders

WELDPLAST S1

The WELDPLAST S1 extruder is functional in its applica - tions. Pre-heated air and plastic temperature are regulated separately, which guarantees a stable welding process and high-quality welding results.

Technical data

Voltage	100 V; 120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1500–1800 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.2–0.5 kg/h	0.44–1.1 lb/h
Material output ø 4 mm	0.3–0.8 kg/h	0.66–1.76 lb/h
Welding materials	ABS; ECTFE; FPO; HDPE; LDPE; LLDPE; PA; PC; PP; PVC-C; PVC-U; PVDF; TPO	
Air guide	External	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	No	
LED Working light	Yes	
Length	435.0 mm	17.12 in
Width	91.0 mm	3.58 in
Height	264.0 mm	10.39 in
Weight	4.7 kg	10.36 lb
Power cable length	3.0–5.0 m	9.84–16.4 ft
Noise emission level	76 dB (A)	
Approvals	& % & H U W L ¾ F D W L R Q & (. & 8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST S1, 100V/1500W, w/o plug	148.394
WELDPLAST S1, 120V/1800W, w/o plug	148.395
WELDPLAST S1, 230V/1600W, EU plug	148.396
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: (/ ' 3 / $ 6 7 6 9 : . 5 S O X J	
WELDPLAST S1, 230V/1600W, CEE 3/16	177.272

& R Q ¾ J X U H product

WELDPLAST S2

The WELDPLAST S2 extruder processes materials such as HDPE and PP at a high output volume. Thanks to its design, this extruder is particularly nimble when deployed and facil - itates versatile, safe plastic welding.

Technical data

Voltage	200 V; 230 V	
Frequency	50/60 Hz	
Power	2400–3000 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.6–1.3 kg/h	1.32–2.86 lb/h
Material output ø 4 mm	1.0–2.0 kg/h	2.2–4.4 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	Internal	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	No	
LED Working light	No	
Length	450.0 mm	17.71 in
Width	98.0 mm	3.85 in
Height	260.0 mm	10.23 in
Weight	5.8 kg	12.78 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	78 dB (A)	
Approvals	& (. & 8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST S2, 230V/3000W, EU plug	127.215
WELDPLAST S2, 230V/3000W, CN plug	140.707
WELDPLAST S2, 200V/2400W, w/o plug	146.341
WELDPLAST S2, 230V/3000W, CEE 3/16	156.131
WELDPLAST S2, 230V/3000W, CH plug	176.839

& R Q ¾ J X U H product

WELDPLAST S2 PVC

The WELDPLAST S2 PVC extruder is durable and its elec - tronics are completely sealed. As a result, it is ideal for safe - ly welding rough plastics such as PVC and PVDF.

Technical data

Voltage	200 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	2400–3000 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.6–1.3 kg/h	1.32–2.86 lb/h
Material output ø 4 mm	1.0–2.0 kg/h	2.2–4.4 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP; PVC-U	
Air guide	External	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	No	
LED Working light	No	
Length	450.0 mm	17.71 in
Width	98.0 mm	3.85 in
Height	260.0 mm	10.23 in
Weight	5.8 kg	12.78 lb
Power cable length	3.0–5.0 m	9.84–16.4 ft
Noise emission level	78 dB (A)	
Approvals	& (. & 8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST S2 PVC, 230V/3000W, EU plug	135.724
WELDPLAST S2 PVC, 230V/3000W, CN plug	140.708
WELDPLAST S2 PVC, 200V/2400W, w/o plug	146.342
WELDPLAST S2 PVC, 230V/3000W, CEE 3/16	156.804

:(/'3/$67 6 39& 9 : .5 SOXJ

& R Q ¾ J X U H product

WELDPLAST S2 TPO

7KH :(/'3/$67 6 732 H[WUXGHU LV GHVLJQ ly for processing thermoplastic elastomers with an ole - ¾Q EDVH 7KDQNV WR LWV OLJKWZHLJKW overhead welding in tunnel construction and underground engineering.

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	3000 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.6–1.3 kg/h	1.32–2.86 lb/h
Material output ø 4 mm	1.0–2.0 kg/h	2.2–4.4 lb/h
Welding materials	FPO; HDPE; LDPE; LLDPE; PP; TPO	
Air guide	Internal	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	No	
LED Working light	No	
Length	450.0 mm	17.71 in
Width	98.0 mm	3.85 in
Height	260.0 mm	10.23 in
Weight	5.8 kg	12.78 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	78 dB (A)	
Approvals	& (8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST S2 TPO, 230V/3000W, EU plug	136.602

& R Q ¾ J X U H product

WELDPLAST S4

The powerful WELDPLAST S4 extruder is available in two variations: for equipment and container construction with D ODWHUDO KRW DLU QR]]OH DQG IRU FRQWDLQHU FRQVWUXFWLRQ ZLWK D WRS PRXQWHG SUH KHDWLQJ QR]]OH

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	3680 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in; ø 4–5 mm / 0.16–0.2 in	
Max. material output	3.8 kg/h	8.37 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	External	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	No	
LED Working light	No	
Length	560.0 mm	22.04 in
Width	110.0 mm	4.33 in
Height	300.0 mm	11.81 in
Weight	8.7 kg	19.18 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	85 dB (A)	
Approvals	& % & H U W L ¾ F D W L R Q & (8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST S4, 230V/3680W, PlastFab, ø3/4mm, EU plug	116.948
WELDPLAST S4, 230V/3680W, GEO, ø4/5mm, EU plug	146.812
WELDPLAST S4, 230V/3680W, PlastFab, ø4/5mm, EU plug	146.813
WELDPLAST S4, 230V/3680W, GEO, ø4/5mm, CEE 3/16	156.451

& R Q ¾ J X U H product

WELDPLAST 600

The powerful WELDPLAST 600 hand extruder is Leister's most powerful extruder. Thanks to its high output rate, it's a [illegible] for welding large tanks and containers.

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	3680 W	
Welding additive	ø 4–5 mm / 0.16–0.2 in	
Material output ø 4 mm	2.6–4.0 kg/h	5.73–8.81 lb/h
Material output ø 5 mm	3.6–6.0 kg/h	7.93–13.22 lb/h
Welding materials	HDPE; PP	
Air guide	External	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	Yes	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
LED Working light	Yes	
Length	809.0 mm	31.85 in
Width	140.0 mm	5.51 in
Height	273.0 mm	10.74 in
Weight	12.2 kg	26.89 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	< 70 dB(A)	
Approvals	& (8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST 600, 230V/3680W, CEE 3/16	170.461

& R Q ¾ J X U H product

WELDPLAST 605

The WELDPLAST 605 with LQS is a powerful extruder with particularly high output and is suitable for welding geomembranes made of PE – even in large-scale civil engineering projects.

/DQG¾OO DQG PLQLQJ membrane welding

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	3680 W	
Welding additive	ø 4–5 mm / 0.16–0.2 in	
Material output ø 4 mm	3.9–4.8 kg/h	8.59–10.58 lb/h
Material output ø 5 mm	4.9–6.0 kg/h	10.8–13.22 lb/h
Welding materials	HDPE; LDPE; LLDPE	
Air guide	External	
Screw heating	Coil heater	
Air temperature control	Closed loop	
LQS	Yes	
Display	Yes	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
LED Working light	Yes	
Length	809.0 mm	31.85 in
Width	140.0 mm	5.51 in
Height	273.0 mm	10.74 in
Weight	12.2 kg	26.89 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	< 70 dB(A)	
Approvals	& (8 . & $	
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST 605, 230V/3680W, CEE 3/16	170.460
WELDPLAST 605, 230V/3680W, w/o shoe, CEE 3/16	174.422

&RQ¾JXUH product

WELDPLAST 200-i

The WELDPLAST 200-i extruder module was designed for automated extrusion welding and 3D printing. It can be mounted onto robots, integrated into machines and is suita - ble for continuous operation.

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	600 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.1–1.4 kg/h	0.22–3.08 lb/h
Material output ø 4 mm	0.1–2.0 kg/h	0.22–4.4 lb/h
Welding materials	ABS; HDPE; LDPE; LLDPE; PC; PS; PU; PVC-C; PVC-U	
Air guide	External	
Screw heating	Coil heater	
LQS	No	
Length	660.0 mm	25.98 in
Width	191.0 mm	7.51 in
Height	220.0 mm	8.66 in
Weight	15.0 kg	33.06 lb
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST 200-i, 230V	163.322

& R Q ¾ J X U H product

WELDPLAST 610-i

The WELDPLAST 610-i extruder module is suitable for large-scale extrusion welding and 3D printing. The module has been designed for simple and fully automated use (even in continuous operation).

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	1600 W	
Welding additive	ø 4–5 mm / 0.16–0.2 in	
Material output ø 4 mm	0.1–4.0 kg/h	0.22–8.81 lb/h
Material output ø 5 mm	0.1–8.4 kg/h	0.22–18.51 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	External	
Screw heating	Coil heater	
LQS	No	
Length	876.0 mm	34.48 in
Width	191.0 mm	7.51 in
Height	210.0 mm	8.26 in
Weight	22.0 kg	48.5 lb
Protection class	I	
Country of origin	CH	

Product items

WELDPLAST 610-i, 230V	172.580

& R Q ¾ J X U H product

3D printing or welding

FUSION 1

The FUSION 1 extruder is particularly easy to handle. Dou - ble-sided rod intake and rotating welding shoe guarantee PD[LPXP ZHOGLQJ ¿H[LELOLW\ ,W V VXLWDEOH IRU PE and PP welding. as well as pipeline and container construction.

FUSION 2

7KH)86,21 H[WUXGHU LV D VWDEOH DQG sion welder that makes extrusion welding especially easy. Well suited for PE and PP welding.F UHSDLUV

Technical data

Voltage	120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	1100–1450 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in	
Material output ø 3 mm	0.2–0.5 kg/h	0.44–1.1 lb/h
Material output ø 4 mm	0.3–0.8 kg/h	0.66–1.76 lb/h
Welding materials	HDPE; LDPE; LLDPE; PE; PP; TPO	
Air guide	Internal	
Screw heating	Air heated	
Air temperature control	Closed loop	
LQS	No	
Display	Yes	
Brushless blower motor	No	
Brushless drive motor	No	
LED Working light	Yes	
Length	435.0 mm	17.12 in
Width	92.0 mm	3.62 in
Height	133.0 mm	5.23 in
Weight	3.4 kg	7.49 lb
Power cable length	3.0 m	9.84 ft
Noise emission level	< 70 dB(A)	
Approvals	& (. & 8 . & $	
Protection class	II	
Country of origin	CH	

Technical data

Voltage	120 V; 220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	2600–2800 W	
Welding additive	ø 4 mm / 0.16 in	
Material output ø 4 mm	1.3–1.8 kg/h	2.86–3.96 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	Internal	
Screw heating	Air heated	
Air temperature control	Open loop	
LQS	No	
Display	No	
Brushless blower motor	No	
Brushless drive motor	No	
LED Working light	No	
Length	450.0 mm	17.71 in
Width	98.0 mm	3.85 in
Height	225.0 mm	8.85 in
Weight	5.9 kg	13.0 lb
Power cable length	3.0–5.0 m	9.84–16.4 ft
Noise emission level	86 dB (A)	
Approvals	& % & H U W L ¾ F D W L R Q & (. & 8 . &	
Protection class	II	
Country of origin	CH	

Product items

FUSION 1, 120V/1450W, US plug	162.799
FUSION 1, 230V/1200W, EU plug	162.800
FUSION 1, 230V/1200W, CH plug	163.163
FUSION 1, 230V/1200W, AU plug	163.164
FUSION 1, 230V/1200W, CEE 3/16	163.165
)86,21 9 : .5 SOXJ	

Product items

FUSION 2, 230V/2800W, EU plug	119.200
FUSION 2, 230V/2800W, CEE 3/16	139.197
FUSION 2, 120V/2800W, CEE 3/16	150.102
)86,21 9 : .5 SOXJ	
FUSION 2, 230V/2800W, CH plug	176.837

& R Q ¾ J X U H product

& R Q ¾ J X U H product

FUSION 3C

The FUSION 3C extruder is compact, robust and agile. Thanks to these design elements and its high performance, it easily welds tanks and containers made of PE and PP.

FUSION 3

The FUSION 3 extruder stands out with its slim design and enables convenient, ergonomic welding of PE and PP with high output volume. Well-suited for underground engineering.

Technical data

Voltage	220 V; 230 V	
Frequency	50/60 Hz; 60 Hz	
Power	3000–3200 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in; ø 4–5 mm / 0.16–0.2 in	
Max. material output	3.6 kg/h	7.93 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	Internal	
Screw heating	Air heated	
Air temperature control	Open loop	
LQS	No	
Display	No	
Brushless blower motor	No	
Brushless drive motor	No	
LED Working light	No	
Length	588.0 mm	23.14 in
Width	98.0 mm	3.85 in
Height	225.0 mm	8.85 in
Weight	6.9 kg	15.21 lb
Power cable length	3.0–5.0 m	9.84–16.4 ft
Noise emission level	86 dB (A)	
Approvals	& % & H U W L ¾ F D W L R Q & (	. &
Protection class	II	
Country of origin	CH	

Technical data

Voltage	230 V	
Frequency	50/60 Hz	
Power	3500 W	
Welding additive	ø 3–4 mm / 0.12–0.16 in; ø 4–5 mm / 0.16–0.2 in	
Max. material output	3.6 kg/h	7.93 lb/h
Welding materials	HDPE; LDPE; LLDPE; PP	
Air guide	Internal	
Screw heating	Air heated	
Air temperature control	Open loop	
LQS	No	
Display	No	
Brushless blower motor	No	
Brushless drive motor	No	
LED Working light	No	
Length	670.0 mm	26.37 in
Width	90.0 mm	3.54 in
Height	180.0 mm	7.08 in
Weight	7.2 kg	15.87 lb
Power cable length	5.0 m	16.4 ft
Noise emission level	86 dB (A)	
Approvals	& % & H U W L ¾ F D W L R Q & (	8 . & $
Protection class	II	
Country of origin	CH	

Product items

FUSION 3C, 230V/3200W, ø3/4mm, EU plug	123.866
FUSION 3C, 230V/3200W, ø3/4mm, CEE 3/16	140.028
FUSION 3C, 230V/3200W, ø4/5mm, CEE 3/16	143.837
FUSION 3C, 230V/3200W, ø4/5mm, EU plug	144.826
)86,21 & 9 : y PP .5 SOXJ	
FUSION 3C, 230V/3200W, ø3/4mm, w/o shoe, CEE 3/16	173.794
FUSION 3C, 230V/3200W, ø3/4mm, CH plug	176.838

Product items

FUSION 3, 230V/3500W, ø3/4mm, EU plug	118.300
FUSION 3, 230V/3500W, ø3/4mm, CEE 3/16	140.020
FUSION 3, 230V/3500W, ø4/5mm, CEE 3/16	143.835
FUSION 3, 230V/3500W, ø4/5mm, EU plug	144.615

& R Q ¾ J X U H product

& R Q ¾ J X U H product

Welding Machines

LEISTER

UNIPLAN 500

The user-friendly, automatic welder UNIPLAN 500 has even more welding power and advantages than the UNIPLAN 300. It is perfect for welding taped seams, hems and piping on truck tarpaulins, tents and billboards.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1800–3450 W	
Speed	1.0–16.0 m/min	3.28–52.49 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	20–40 mm	0.78–1.57 in
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Length	500.0 mm	19.68 in
Width	310.0 mm	12.2 in
Height	300.0 mm	11.81 in
Weight	16.0 kg	35.27 lb
Power cable length	3.0 m	9.84 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP 86 SOXJ
81,3/$1	9	:	PP 86 SOXJ
81,3/$1	9	:	PP 86 SOXJ

&RQ¾JXUH product

UNIPLAN 300

The UNIPLAN 300 automatic welder is ideal for automatic and safe overlap, hem and pipe welding of truck tarpaulins, billboards and tents.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1800–3450 W	
Speed	1.0–16.0 m/min	3.28–52.49 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	20–40 mm	0.78–1.57 in
LQS	No	
Brushless blower motor	No	
Brushless drive motor	Yes	
Length	500.0 mm	19.68 in
Width	310.0 mm	12.2 in
Height	300.0 mm	11.81 in
Weight	15.0 kg	33.06 lb
Power cable length	3.0 m	9.84 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP (8 SOXJ
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP &((
81,3/$1	9	:	PP 86 SOXJ
81,3/$1	9	:	PP 86 SOXJ
81,3/$1	9	:	PP 86 SOXJ

&RQ¾JXUH product

Truck tarpaulin welding

VARIANT T1

The VARIANT T1 high-speed welding machine is designed for overlap, hemming and pipe welding for PVC, PP or PE tarpaulins.

Technical data

Voltage	200 V; 230 V; 400 V	
Frequency	50/60 Hz	
Power	3680–5700 W	
Speed	1.5–18.0 m/min	4.92–59.05 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	20–40 mm	0.78–1.57 in
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	No	
Length	700.0 mm	27.55 in
Width	400.0 mm	15.74 in
Height	230.0 mm	9.05 in
Weight	22.0 kg	48.5 lb
Power cable length	1.2 m	3.93 ft
Approvals	&(8.&$	
Protection class	I	
Country of origin	CH	

Product items

9$5,$17 7	9	:	PP (8 SOXJ
9$5,$17 7	9	:	PP (8 SOXJ
9$5,$17 7	9	:	PP &((
9$5,$17 7	9	:	PP &((
9$5,$17 7	9	:	PP Z R SOXJ
9$5,$17 7	9	:	PP Z R SOXJ
9$5,$17 7	9	:	PP &((

&RQ¾JXUH product

VARIANT T1 Tape

The VARIANT T1 tape welding machine is perfect for welding reinforcement and anti-vandalism tape on truck tarpaulins or banners.

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	3680–5700 W	
Speed	1.5–18.0 m/min	4.92–59.05 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	25–50 mm	0.98–1.96 in
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	No	
Length	700.0 mm	27.55 in
Width	400.0 mm	15.74 in
Height	230.0 mm	9.05 in
Weight	28.0 kg	61.72 lb
Power cable length	1.2 m	3.93 ft
Approvals	&(8.&$	
Protection class	I	
Country of origin	CH	

Product items

9$5,$17 7	DQWL YDQGDOLVP WDSH	9	: PP (8 S
9$5,$17 7	7DSH	9	: PP (8 SOXJ
9$5,$17 7	DQWL YDQGDOLVP WDSH	9	: PP &((
9$5,$17 7	7DSH	9	: PP &((

&RQ¾JXUH product

TAPEMAT

The TAPEMAT automatic welder welds truck tarpaulins and industrial fabrics with PVC straps quickly and securely.

Technical data

Voltage	400 V	
Frequency	50/60 Hz	
Power	10000 W	
Speed	4.0–20.0 m/min	13.12–65.62 ft/min
Temperature	100–650 °C	212.0–1202.0 °F
Air volume adjustable	No	
Welding nozzle / seam width	50 mm	1.96 in
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	No	
Length	555.0 mm	21.85 in
Width	435.0 mm	17.12 in
Height	370.0 mm	14.56 in
Weight	35.0 kg	77.16 lb
Power cable length	1.1 m	3.6 ft
Approvals	& % & H U W L ¾ F D W L R Q & (6	
Protection class	I	
Country of origin	CH	

Product items

7 $ 3 (0 $ 7	9	:	P P	& ((

& R Q ¾ J X U H product

TAPEMAT SPRIEGEL

The TAPEMAT SPRIEGEL welding machine ensures quick and economical reinforcement-tape welding on truck tar - paulins and industrial fabrics.

Technical data

Voltage	400 V	
Frequency	50/60 Hz	
Power	10000 W	
Speed	4.0–20.0 m/min	13.12–65.62 ft/min
Temperature	100–650 °C	212.0–1202.0 °F
Air volume adjustable	No	
Welding nozzle / seam width	100–125 mm	3.93–4.92 in
Weld seam width	2 x 20 mm / 2 x 0.78 in	
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	No	
Length	555.0 mm	21.85 in
Width	435.0 mm	17.12 in
Height	370.0 mm	14.56 in
Weight	40.0 kg	88.18 lb
Power cable length	1.1 m	3.6 ft
Approvals	& % & H U W L ¾ F D W L R Q & (6	
Protection class	I	
Country of origin	CH	

Product items

7 $ 3 (0 $ 7 6 3 5 , (* (/	9	:	P P	[P P & ((
7 $ 3 (0 $ 7 6 3 5 , (* (/	9	:	P P	[P P & ((

& R Q ¾ J X U H product

SEAMTEK W-900 AT

With the innovative SEAMTEK W-900 AT welding machine, users weld technical textiles made of PVC, PE, PU and PP LQ D SDUWLFXODUO\ H¼FLHQW PDQQHU¾ZKLOH VDYLQJ RQ ZHOGLQJ RI ODUJH SURconsumption.

Technical data

Voltage	230–240 V	
Frequency	50/60 Hz	
Power	3900 W	
Speed	0.5–30.0 m/min	1.64–98.43 ft/min
Temperature	0–680 °C	32.0–1256.0 °F
Length	1500.0 mm	59.05 in
Width	702.0 mm	27.63 in
Height	1500.0 mm	59.05 in
Weight	238.0 kg	524.7 lb
Power cable length	2.0 m	6.56 ft
Approvals	& (8 . & $	
Protection class	I	

& R Q ¾ J X U H
product

SEAMTEK W-2000 AT

7KH 6($07(. : $7 ZHOGLQJ PDFKLQH R» even more space than SEAMTEK W-900 AT. This enables ef - nical textiles.

Technical data

Voltage	230–240 V	
Frequency	50/60 Hz	
Power	3900 W	
Speed	0.5–30.0 m/min	1.64–98.43 ft/min
Temperature	0–680 °C	32.0–1256.0 °F
Length	2650.0 mm	104.33 in
Width	702.0 mm	27.63 in
Height	1500.0 mm	59.05 in
Weight	403.0 kg	888.46 lb
Power cable length	2.0 m	6.56 ft
Approvals	& (8 . & $	
Protection class	I	

& R Q ¾ J X U H
product

SEAMTEK 900 AT

With the low-maintenance SEAMTEK 900 AT welding ma - chine, even inexperienced users succeed in welding perfect taped seams, hems, piping and tape welds. Intuitive opera - tion via touch screen.

Technical data

Voltage	230–240 V	
Frequency	50/60 Hz	
Power	4500 W	
Speed	0.1–30.0 m/min	0.32–98.43 ft/min
Temperature	120–700 °C	248.0–1292.0 °F
Air volume adjustable	Yes	
Length	1500.0 mm	59.05 in
Width	702.0 mm	27.63 in
Height	1500.0 mm	59.05 in
Weight	238.0 kg	524.7 lb
Power cable length	2.0 m	6.56 ft
Approvals	& (8 . & $	
Protection class	I	

& R Q ¾ J X U H product

SEAMTEK 2000 AT

6 ($ 0 7 (. $ 7 R » H U V X V H U V H Y H Q P R U H Z I
6 ($ 0 7 (. $ 7 7 K L V H Q D E O H V H ¼ F L H Q W D Q
large products made from technical textiles.

Technical data

Voltage	230–240 V	
Frequency	50/60 Hz	
Power	4500 W	
Speed	0.1–30.0 m/min	0.32–98.43 ft/min
Temperature	120–700 °C	248.0–1292.0 °F
Air volume adjustable	Yes	
Length	2650.0 mm	104.33 in
Width	702.0 mm	27.63 in
Height	1500.0 mm	59.05 in
Weight	403.0 kg	888.46 lb
Power cable length	2.0 m	6.56 ft
Approvals	& (8 . & $	
Protection class	I	

& R Q ¾ J X U H product

HEMTEK ST

7KH H¼FLHQW +(07(. 67 ZHOGLQJ PDFKLQH LV LGHDO IRU VPDOO»HFW DQG LQ¾Q banners and tarpaulins made of PVC, PE, PP and other thermoplastics.

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1800–3450 W	
Speed	0.8–12.0 m/min	2.62–39.37 ft/min
Temperature	100–650 °C	212.0–1202.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	20–40 mm	0.78–1.57 in
Length	433.0 mm	17.04 in
Width	350.0 mm	13.77 in
Height	600.0 mm	23.62 in
Weight	27.0 kg	59.52 lb
Power cable length	3.0 m	9.84 ft
Approvals	& % & H U W L ¾ F D W L R Q & (	8 . & $
Protection class	I	
Country of origin	CH	

Product items

+(07(. 67	9	:	PP (8 SOXJ
+(07(. 67	9	:	PP (8 SOXJ
+(07(. 67	9	:	PP (8 SOXJ
+(07(. 67	9	:	PP &((
+(07(. 67	9	:	PP &((
+(07(. 67	9	:	PP &((
+(07(. 67	9	:	PP 86 SOXJ
+(07(. 67	9	:	PP 86 SOXJ
+(07(. 67	9	:	PP 86 SOXJ

& R Q ¾ J X U H product

HEMTEK K-ST

HQ DE OHV VDIH SLSLQJ SURGXFWLRQ ZLWK

Technical data

Voltage	120 V; 230 V	
Frequency	50/60 Hz	
Power	1800–2350 W	
Speed	0.8–12.0 m/min	2.62–39.37 ft/min
Temperature	100–650 °C	212.0–1202.0 °F
Air volume adjustable	No	
Welding nozzle / seam width	8 mm	0.31 in
Length	433.0 mm	17.04 in
Width	350.0 mm	13.77 in
Height	600.0 mm	23.62 in
Weight	27.0 kg	59.52 lb
Power cable length	3.0 m	9.84 ft
Approvals	& % & H U W L ¾ F D W L R Q & (	8 . & $
Protection class	I	
Country of origin	CH	

Product items

+(07(. . 67	9	:	PP (8 SOXJ
+(07(. . 67	9	:	PP 86 SOXJ

& R Q ¾ J X U H product

Advertising banner welding

VARIMAT 700

7KH 9$5,0$7 DXWRPDWLF ZHOGLQJ PDFKLQH VWDQGV SURFHVV UHOLDELOLW\ DQG WUDFHDELOLW\ LQ ZHOGLQJ +LJK FRQWDFW SUHVVXUH mechanism, LQS and power management ensure welding quality.

VARIMAT 500

7KH 9$5,0$7 DXWRPDWLF ZHOGLQJ PDFKLQH VWDQGV SURFHVV UHOLDELOLW\ DQG WUDFHDELOLW\ LQ ZHOGLQJ +LJK FRQWDFW SUHVVXUH sure welding quality. Convertible from 230 to 400 V.

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	3680–5700 W	
Speed	1.0–12.0 m/min	3.28–39.37 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	40 mm	1.57 in
Welding materials	(&% (3'0 (9$)32 3,% 32 39& 39& 3 73(732 738	
LQS	Yes	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Length	605.0 mm	23.81 in
Width	335.0 mm	13.18 in
Height	373.0 mm	14.68 in
Weight	37.5 kg	82.67 lb
Power cable length	5.0 m	16.4 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&	
Protection class	I	
Country of origin	CH	

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	3680–5700 W	
Speed	1.0–12.0 m/min	3.28–39.37 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	40 mm	1.57 in
Welding materials	(&% (3'0 (9$)32 3,% 32 39& 39& 3 73(732 738	
LQS	No	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Length	605.0 mm	23.81 in
Width	335.0 mm	13.18 in
Height	373.0 mm	14.68 in
Weight	37.5 kg	82.67 lb
Power cable length	5.0 m	16.4 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

9$5,0$7	9	:	PP Z R FDEOH
9$5,0$7	9	:	PP &((
9$5,0$7	9	:	PP Ö) Z R SOXJ

Product items

9$5,0$7	9	:	PP Z R FDEOH
9$5,0$7	9	:	PP &((
9$5,0$7	9	:	PP Ö) Z R SOXJ

&RQ¾JXUH product

&RQ¾JXUH product

VARIMAT 300

The VARIMAT 300 roof welding machine enables easy DQG LQWLXLWLYH ZHOGLQJ RI ¿DW URRIV +LJK FRQWDFW SUHVVXUH WUDFNLQJ DFFXUDF\ DQG ¿H[LEOH WUDQVSRUW D[LV IRU VXVWDLQDEOH welding quality are further plus points.

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	3680–5700 W	
Speed	1.0–10.0 m/min	3.28–32.81 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	40 mm	1.57 in
Welding materials	(&% (3'0 (9$)32 3,% 32 & 39& 3 73(732 738	
LQS	No	
Brushless blower motor	No	
Brushless drive motor	Yes	
Length	605.0 mm	23.81 in
Width	335.0 mm	13.18 in
Height	373.0 mm	14.68 in
Weight	37.5 kg	82.67 lb
Power cable length	5.0 m	16.4 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&	
Protection class	I	
Country of origin	CH	

Product items

9$5,0$7	9	:	PP &((
9$5,0$7	9	:	PP (8 SOXJ
9$5,0$7	9	:	PP &((
9$5,0$7	9	:	PP Ö) Z R SOXJ

&RQ¾JXUH product

UNIROOF 700

Thanks to LQS, Monitored-Welding-Assistant and Leister's VWDQGDUG QR]]OH WKH 81,522) DXWRPDWLF ZHOGLQJ PDFKLQH LV ZHOO VXLWHG IRU ZHOGLQJ standard in the roof industry.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–3680 W	
Speed	1.0–10.0 m/min	3.28–32.81 ft/min
Temperature	100–620 °C	212.0–1148.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	40–80 mm	1.57–3.14 in
Welding materials	%LWXPHQ (&% (3'0 (9$)32 3,% 39& 73(732 738	
LQS	Yes	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Length	475.0 mm	18.7 in
Width	244.0–360.0 mm	9.6–14.17 in
Height	260.0 mm	10.23 in
Weight	17.0–19.9 kg	37.47–43.87 lb
Power cable length	3.0 m	9.84 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&	
Protection class	I	
Country of origin	CH	

Product items

81,522)	9	:	PP (8 SOXJ
81,522)	9	:	PP 86 SOXJ
81,522)	9	:	PP Z R SOXJ
81,522)	9	:	PP -3 SOXJ
81,522)	9	:	PP &((
81,522)	9	:	PP .5 SOXJ
81,522)	9	:	PP &((
81,522)	9	:	PP (8 SOXJ
81,522)	9	:	PP &+ SOXJ

&RQ¾JXUH product

UNIROOF 300

7KH FRPSDFW 81,522) DXWRPDWLF ZHOGLQJ PHGLXP W ideal as an entry-level machine with simple operation.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–3450 W	
Speed	1.0–10.0 m/min	3.28–32.81 ft/min
Temperature	100–600 °C	212.0–1112.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	30–40 mm	1.18–1.57 in
Welding materials	%LWXPHQ (&% (3'0 (9$)32 39& 73(732 738	
LQS	No	
Brushless blower motor	No	
Brushless drive motor	Yes	
Length	475.0 mm	18.7 in
Width	244.0 mm	9.6 in
Height	260.0 mm	10.23 in
Weight	17.0 kg	37.47 lb
Power cable length	3.0 m	9.84 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

81,522)	9	:	PP (8 SOXJ
81,522)	9	:	PP 86 SOXJ
81,522)	9	:	PP -3 SOXJ
81,522)	9	:	PP &((
81,522)	9	:	PP (8 SOXJ
81,522)	9	:	PP Z R SOXJ
81,522)	9	:	PP &+ SOXJ

&RQ¾JXUH product

UNIDRIVE 500

UNIDRIVE 500 semi-automatic welding machine combines manual and automatic welding in a handy plastic welding device. Developed for small roofs, skylight welding, roof connections and small terraces.

Technical data

Voltage	100 V; 120 V; 230 V	
Frequency	50/60 Hz	
Power	1500–2300 W	
Speed	0.7–4.5 m/min	2.29–14.76 ft/min
Temperature	100–580 °C	212.0–1076.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	15–40 mm	0.59–1.57 in
Welding materials	(&% (3'0 (9$)32 3,% 32 39& 73(732 738	
LQS	No	
'LVSOD\	Yes	
Brushless blower motor	Yes	
Brushless drive motor	Yes	
Reversable drive	Yes	
Length	275.0 mm	10.82 in
Width	173.0 mm	6.81 in
Height	297.0 mm	11.69 in
Weight	4.5 kg	9.92 lb
Power cable length	3.0 m	9.84 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

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81,'5,9(	9	:	PP -3 SOXJ
81,'5,9(	9	:	PP (8 SOXJ
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81,'5,9(	9	:	PP VWHHO UROOHUV &((

&RQ¾JXUH product

BITUMAT B2

7KH %,780$7 % LV XVHG WR ZHOG -PRGL¾H RXW ¿DPHV :LWK WKH DSSURSULDWH ELW welded seams are easily achieved.

Technical data

Voltage	230 V; 400 V	
Frequency	50/60 Hz	
Power	6700 W	
Speed	0.8–12.0 m/min	2.62–39.37 ft/min
Temperature	20–650 °C	68.0–1202.0 °F
Air volume adjustable	Yes	
Welding nozzle / seam width	75–100 mm	2.95–3.93 in
Welding materials	%LWXPHQ (&%	
LQS	No	
Brushless blower motor	No	
Brushless drive motor	No	
Length	690.0 mm	27.16 in
Width	490.0 mm	19.29 in
Height	330.0 mm	12.99 in
Weight	39.0 kg	85.98 lb
Power cable length	1.2 m	3.93 ft
Approvals	&% &HUWL¾FDWLRQ &(8.&$	
Protection class	I	
Country of origin	CH	

Product items

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&RQ¾JXUH product

Accessories

Nozzles

Pressure rollers

Cutting tools

Brushes

Welding seam processing

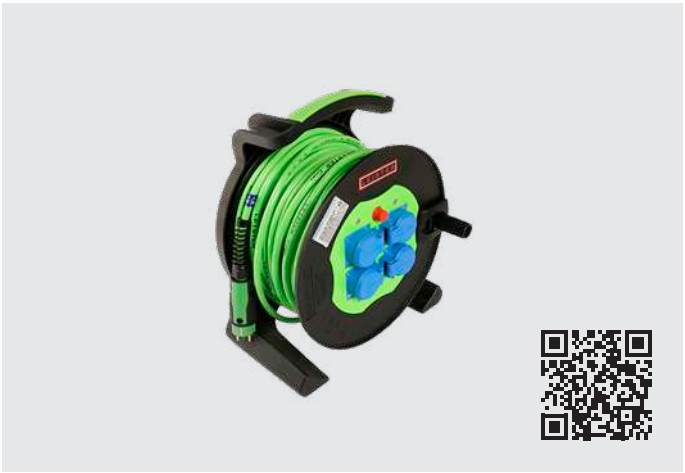
Testing Instruments

Heating elements

Soldering iron kit

Heat protection

Extension cable



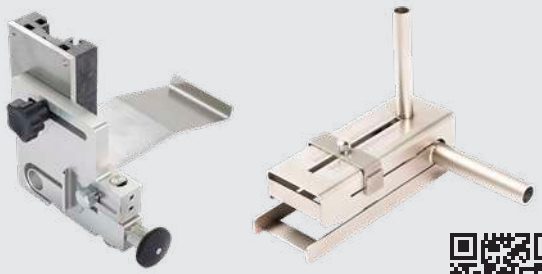
Hot wedges

Conversion kits

Welding shoes

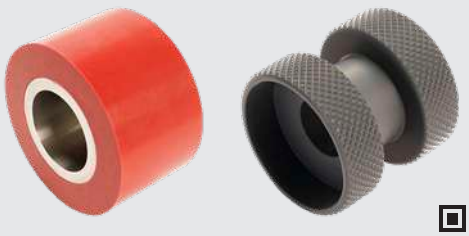
Welding rods

Guidance



Adjustment tools

Pressure rollers



Weights

Tool storage

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