

Welding Equipment



   
w w w . k r a h . n e t





WT/010.0/100/000-0

Electro fusion welding device Krah E-Box 33

- approved for Krah Electro-Fusion technology
- Welding range up to DN/ID 2000mm (DN/ID 4000mm)
- Automatic logging of up to 10000 welding records
- Data input via keyboard or barcode scanner
- Traceability according to ISO 12176-3 / 4
- Data output on USB stick

Technical data:

Output voltage:	8V - 48V
Output current:	max. 150 A
Input voltage:	400V (3P / N / PE)
Input frequency:	40Hz - 70Hz
Temperature range:	-20 ° C to + 60 ° C
Power cable:	5m with EUR plug
Welding cable:	4m with 6mm connector contacts
Weight:	35kg
Dimensions:	236 x 295 x 330mm



Accessories:

- User manual
- Aluminum transport case
- Adapter 4.0mm in pocket
- HP terminal adapter for Krah pipes

WT/010.0/300/001-0

Extension cable for Krah E-Box 33

- approved for Krah Electro-Fusion technology
- required for welding of pipes with 2 separate heating spirals (starting from pipe DN1400)

Technical data:

Welding cable:	3m with 6mm connector contacts
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WT/010.0/200/000-0

Electro fusion welding device Krah E-Box 44 MS

- approved for Krah Electro-Fusion technology
- Modular system for single welding or parallel welding of two welding processes. (Modul M + Modul S)
- Welding range up to DN/ID 2000mm (DN/ID 4000mm)
- Automatic logging of up to 10000 welding records
- Data input via keyboard or barcode scanner
- Traceability according to ISO 12176-3 / 4
- Data output on USB stick

Technical data:

Output voltage:	8V - 48V
Output current:	max. 150 A
Input voltage:	400V (3P / N / PE)
Input frequency:	40Hz - 70Hz
Temperature range:	-20 ° C to + 60 ° C
Power cable:	5m with EUR plug
Welding cable:	4m with 6mm connector contacts
Weight:	75kg
Dimensions:	400 x 295 x 1200mm



Accessories:

- User manual
- 2 wheel-hand truck
- 2 pieces Welding cable 7m with 6mm connector contacts
- Adapter 4.0mm in pocket
- HP terminal adapter for Krah pipes



WT/020.0/010/000-0

Hot gas welding set KR10

- for PE / PP welding rod 3 / 4mm consisting of:
- On-site blower for two welding torches (incl. Air volume gauge)
- Welding device Duratherm
- Welding nozzle 3mm
- Welding nozzle 4mm
- spare part set (3 pcs. heating elements 1000 Watt, 1pcs. hermo-controler)

Technical data:

Input voltage: 230V
 Input frequency: 50/60Hz
 Temperature range: -20 ° C to + 60 ° C
 Airflow external air supply: 40-60 l/min
 Dimensions: 450 x 300 x 350mm
 Weight: 5,5kg



WT/020.0/020/000-0

Hand Welding Extruder KR 18 Basic

- adjustable extruder output,
- with Air-heating-system for cylinder and pre heating

Technical data:

Max Output: 1,8kg/h
 Material: PE / PP / PVDF
 Welding Rod: Ø 3 / 4mm
 Weight: 4,8 kg
 Length: 455mm
 Hot Air Blower: 2300W
 Input voltage: 230 V



Accessories

- 1 Welding shoe fillet weld A=7mm
- 1 Welding shoe V-weld 10mm
- 1 Welding shoe blank 40mm long

WT/020.0/030/000-0

Hand Welding Extruder KR 32 Basic

- adjustable extruder output,
- with Air-heating-system for cylinder and pre heating

Technical data:

Max Output: 3,2 kg/h
 Material: PE / PP / PVDF
 Welding Rod: Ø 3 / 4mm
 Weight: 7,6 kg
 Length: 570mm
 Hot Air Blower: 2300W
 Input voltage: 230 V



Accessories

- 1 Welding shoe fillet weld A=11mm
- 1 Welding shoe V-weld 15mm
- 1 Welding shoe blank 40mm long



WT/020.0/040/000-0

Hand Welding Extruder KR 18 DIGITAL

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder

Technical data:

Max Output:	1,8 kg/h
Material:	PE / PP
Welding Rod:	Ø 3 / 4mm
Weight:	4,8 kg
Length:	455mm
Heater band:	400 W
Hot Air Blower:	2300 W
Input voltage:	230 V



Accessories:

- Welding shoe fillet weld A=7mm
- Welding shoe V-weld 10mm
- Welding shoe blank 40mm long

WT/020.0/050/000-0

Hand Welding Extruder KR 32 DIGITAL

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder

Technical data:

Max Output:	3,2 kg/h
Material:	PE / PP
Welding Rod:	Ø 3 / 4mm
Weight:	7,6 kg
Length:	570mm
Heater band:	650
Hot Air Blower:	2300W
Input voltage:	230 V



Accessories:

- Welding shoe fillet weld A=11mm
- Welding shoe V-weld 15mm
- Welding shoe blank 40mm long

WT/020.0/060/000-0

Hand Welding Extruder KR 58 DIGITAL

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder

Technical data:

Max Output:	5,8 kg/h
Material:	PE / PP
Welding Rod:	Ø 4 / 5mm
Weight:	10,2 kg
Length:	700mm
Heater band:	800 W
Hot Air Blower:	2300W
Input voltage:	230 V



Accessories:

- Welding shoe fillet weld A=18mm
- Welding shoe V-weld 25mm
- Welding shoe blank 60mm long



WT/020.0/070/000-0

Hand Welding Extruder KR 25 ACTIVE

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder
- Brush-Free-Technology

Technical data:

Max Output: 2,5 kg/h
 Material: PE / PP
 Welding Rod: Ø 3 / 4mm
 Weight: 6 kg
 Length: 470mm
 Heater band: 400 W
 Hot Air Blower: 2300W
 Input voltage: 230 V



Accessories:

- Welding shoe fillet weld A=7mm
- Welding shoe V-weld 10mm
- Welding shoe blank 40mm long

WT/020.0/080/000-0

Hand Welding Extruder KR 40 ACTIVE

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder
- Brush-Free-Technology

Technical data:

Max Output: 3,9 kg/h
 Material: PE / PP
 Welding Rod: Ø 4 / 5mm
 Weight: 8 kg
 Length: 570mm
 Heater band: 650 W
 Hot Air Blower: 2300W
 Input voltage: 230 V



Accessories:

- Welding shoe fillet weld A= 11mm
- Welding shoe V-weld 15mm
- Welding shoe blank 40mm long

WT/020.0/090/000-0

Hand Welding Extruder KR 65 ACTIVE

- adjustable extruder output,
- with Air-heating-system and heating elements,
- separate temperature-controller for air and cylinder
- Brush-Free-Technology

Technical data:

Max Output: 6,5 kg/h
 Material: PE / PP
 Weight: 9,4 kg
 Length: 570mm
 Heater band: 800 W
 Hot Air Blower: 2300W
 Input voltage: 230 V



Accessories:

- Welding shoe fillet weld A= 18mm
- Welding shoe V-weld 25mm
- Welding shoe blank 60mm long



WT/020.0/100/000-0

KR Transformer for Hand-welding-extruder

- designed for Krah Hand-Welding Extruders,
- KR ACTIVE with Brush-Free-Technology



WT/030.0/020/000-0

KR 350-12 Welding Extruder

(excl. Heating hose and welding head)

- Mobile Granule Welding Extruder
- Acc.DVS2207-4 Type II
- For Welding of Polyethylene and Polypropylene
- For continuously and discontinuously welding procedure
- consisting of:
 - Granule Preheating
 - granule hopper
 - 3-Zone-Screw
 - Cylinder with 3 heating zones

Technical data:

Max Output:	12 kg/h
Material:	PE / PP
Weight:	ca. 130 kg
Size:	550 x 1150 x 670mm
Input voltage:	3x400 V / 50 Hz



Accessories:

- heat resistant gloves
- contact pressure PTFE-tool
- tubular for Extrudater
- cut-off-knife
- Extrusion dies diameter 8,10 and 12mm

WT/030.0/010/000-0

KR 350-8 Welding Extruder

(excl. Heating hose and welding head)

- Mobile Granule Welding Extruder
- Acc.DVS2207-4 Type II
- For Welding of Polyethylene and Polypropylene
- For continuously and discontinuously welding procedure
- consisting of:
 - Granule Preheating
 - granule hopper
 - 3-Zone-Screw
 - Cylinder with 3 heating zones

Technical data:

Max Output:	8 kg/h
Material:	PE / PP
Weight:	ca. 118 kg
Size:	660 x 600 x 670mm
Input voltage:	3x400 V / 50 Hz



Accessories:

- heat resistant gloves
- contact pressure PTFE-tool
- tubular for Extrudater
- cut-off-knife
- Extrusion dies diameter 8,10 and 12mm



WT/030.0/030/000-0

**Welding hose with welding head for KR 350
for continuous extrusion welding**

- according to DVS standard 2207 part 4, Machine Variant II
- consisting of:
 - Welding adapter
 - Heated hose
 - Hot gas device
 - Welding shoes



WT/040.0/100/000-0

Welding Rod Production Line „Plaspitec W35“

- Machine for automatic production of plastic welding rod
- incl. Extruder D30, 3 heating zones,
- hopper 50 l with fill-level-control,
- extrusion die-head, integrated electric cabinet,
- air- and water-cooling devices,
- haul-off unit and double-winder,
- quick-clamp system, dancer-system and adjustable lateral-off-set
- The machine is able to process granules of polyethylene or polypropylene
- The welding rod can be produced in round shape in 3,4 and 5mm or in triangular shape



Technical data:

Extruder Output:	10kg/h (reference PEHD)
Welding Rod Output:	6kg/h (reference PEHD-Welding Rod, d 4mm)
Electric:	CEE 16A, 400V
Size:	ca. 1.5m x 5
Operator:	ca. 10% of Maschine hours (average)

WT/040.0/200/000-0

Welding spiral production machine EM300

- approved for Krah Electro-Fusion technology
- for automatic manufacturing process of heating wire
- in meander-shape
- consisting of: decoiler
- automatic feeding process, with wire calibration
- Fine adjustment for bending process
- Designed for brass wire acc. Krah specification
- Control unit plus electric cabinet
- Automatic haul-off
- Coiler for final product



Technical data:

Weight:	ca. 400 kg
Size machine:	1600 x 920 x 1800mm
Size coiler:	1600 x 840 x 840
Input voltage:	230 V / 50 Hz
Air supply:	input max.8bar
Air supply:	working pressure 5bar

Start up material:

- 1 coil of Electro-Fusion wire (CuZn) approx. 50 kg
- 1 spool of coiled welding spiral
- 2 coil crepe paper
- 6 pcs. basket coil



WT/060.0/100/015-0 Electro-Fusion wire

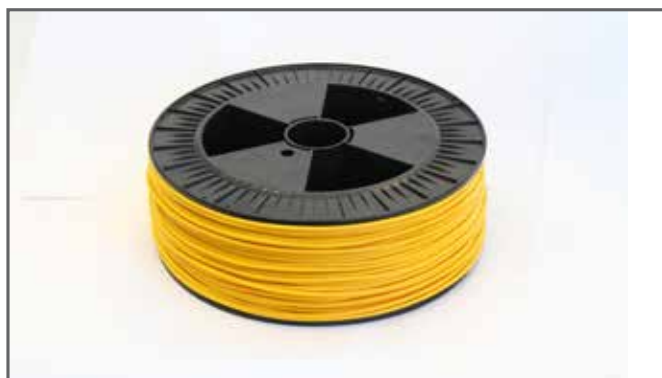
- for Krah E-Fusion technology
- not bent, application for processing on EM 300

Technical data:
Diameter: 2,0 +/-0,03 mm
1 coil: 50 kg



Welding rod, PE100

Ø mm	Color	Weight (spool) kg	Order number
4	black ■	2,5	WT/060.0/100/007-0
3	black ■	2,5	WT/060.0/100/008-0
4	yellow ■	2,5	WT/060.0/100/009-0
3	yellow ■	2,5	WT/060.0/100/010-0
4	black ■	10	WT/060.0/100/011-0
3	black ■	10	WT/060.0/100/012-0
4	yellow ■	10	WT/060.0/100/013-0
3	yellow ■	10	WT/060.0/100/014-0





Tensioning tool with chain

- approved for Krah electro-fusion technology
- for pressure and non-pressure pipes (KR and DR)
- Inclusive accessories

Ø mm	Order number
300 - 400	WT/050.0/030/000-0
500 - 700	WT/050.0/050/000-0
750 - 1000	WT/050.0/080/000-0
1100 - 1300	WT/050.0/110/000-0
1400 - 1600	WT/050.0/140/000-0
1700 - 2000	WT/050.0/170/000-0
2100 - 2500	WT/050.0/210/000-0
2600 - 3000	WT/050.0/260/000-0
3100 - 4000	WT/050.0/310/000-0





WT/060.0/100/001-0
Hand scraper

- Blade width 30mm
- 4x knife edges



WT/060.0/100/002-0
Quartermoon knife 10 cm

- Blade width 10 cm



WT/060.0/100/003-0
Welding stamp small

- for compression of extrusion Welding beads
- suitable for Polyethylene and Polypropylene
- Material: PTFE
- width of 15mm



WT/060.0/100/004-0
Welding stamp large

- for compression of extrusion Welding beads
- suitable for Polyethylene and Polypropylene
- Material PTFE
- width of 22mm





WT/060.0/100/005-0

Scraper

- for the processing of plastic surfaces and welding beads
- suitable for Polyethylene and Polypropylene



WT/060.0/100/006-0

Triangular scraper blade with grip

- for the processing of plastic surfaces and welding beads
- suitable for Polyethylene and Polypropylene
- Blade width 50mm



WT/060.0/100/016-0

Profile and Welding Bead Remover

- applicable for removing profiles and welding beads
- Cutting width 40 mm
- adjustable cutting depth
- Power supply: 230 V, max. 2000 Watt
- Sizes and Weight: 36cm x 32cm x 20cm; 4kg
- Incl. transport box: 52cm x 43cm x 22cm; 9,5kg





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