

100 % Miller-Compliant



09/2023

Water- and air cooled
**equipment for
inductive heating**



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Rental of Water- and air cooled equipment for inductive heating

All products from this catalogue can be rent

In the following, two examples are given. For other combinations, please contact us.

We will make you an offer according to your requirements.

You get these packages delivered completely ready to use, including a briefing on the spot.

For an extra charge also with an operator!

Example Paket 1 Miller PROHEAT 35 Air Cooled

Technical Data:

- page 6

Additionally:

- 1 Output Extension Cable 7,6 m (52-000110-07, page 7)
- 1 Heating-Cables 24 m, incl. improved coating (52-000120-24, page 10)
- 1 Temperature Contact Sensor and Thermocouple Cable Extension (page 7)
- 1 Safety ground Leads with magnet

Example Paket 2 Miller PROHEAT 35 Water Cooled

Technical Data:

- page 14

Additionally:

- 1 Output Extension Cable 7,6 m (52-000115-07, page 15)
- 1 Heating-Cables 24 m., incl. improved coating (52-000033-24, page 17)
- 1 Temperature Contact Sensor and Thermocouple Cable Extension (page 15)
- 1 Safety ground Leads with magnet

Miller PROHEAT 35 Air Cooled

The Air Cooled Induction Heating System is specifically designed for preheating applications up to 400° Fahrenheit (204° C).

Technical Data

Rated output: 35 kW at 100 % Duty Cycle
Output Frequency: 5– 30 kHz
Input Amperes at Rated Output: 59 A
Input Power 50 Hz: 400 V AC
Dimensions: H 27.5 x W 21.75 x D 36.75 in.
(H 635 x B 552 x T 933 mm)
Weight: 227 lb. (103 kg)

Benefits

- Cost savings through induction
 - Better temperature stability during welding
 - Safety increase (no open flame)
 - easy to use
 - flexibility
- reproducible and documentable

Fields of Applications

- Construction of pipelines
- Off-Shore
- Wind-energy industry
- Mechanical engineering
- Shipbuilding
- Power plant construction



Order No.	Description	Euro
50-907690	ProHeat 35 CE 400-460V 50/60 Hz	
50-195436	Running Gear ProHeat 35	
50-195437	Series Cable Adapter (0,7 mtr.) Original	Miller Part
52-195437	Series Cable Adapter (0,7 mtr.)	P+M Part

P+M Output Extension Cable Air Cooled

Your Benefits

- flexible
- easy repair
- robust spring pin (pos. 23 and 24)
- further sizes on demand

Repair of damaged cables

- possible repairs in case of damaged plugs or at the end of the cable
- most common defect are broken contact pins for cable detection --> Replacement by our spring-loaded contacts (give in to stress and can not break)
- if desired, the machine-side connection sockets can also be retrofitted with spring pins
- Quotation in case of damage



19-22



spring pin built-in



single spring pin



typical defect of an original spring pin

P+M Parts (similar design as the original Miller-parts)

Item	Order No.	Ref.	Description	Euro
19	52-000110-07	195404	Output Extension Cable 25 ft (7,6 m), air cooled, flexible	
20	52-000110-15	195405	Output Extension Cable 50 ft (15,2 m), air cooled, flexible	
21	52-000110-24	300362	Output Extension Cable 80,00 ft (24,4 m), air cooled, flexible	
22	52-000110-42		Output Extension Cable 138 ft (42,0 m), air cooled, flexible	
23	51-000503-01		male spring pin complete	
24	51-000504		female spring pin completel	

Original Miller-parts (without illustration)

Item	Order No.	Description	Euro
19	50-195404	Output Extension Cable 25 ft (7,6 m)	
20	50-195405	Output Extension Cable 50 ft (15,2 m)	
21	50-300362	Output Extension Cable 75 ft (22,8 m)	



Optional with aluminium bracket (look at page 9)

For smaller pipe diameters higher performance due to wider blankets possible.

Air Cooled Induction Blankets without closure

P+M Parts (similar design as the original Miller-parts)

Order No.	Ref.-No.	Description	Output	Duty Cycle	Part	Temperature	Heating Width	Euro
52-000130-12	300078	Induction Blanket 12"	max. 20 kW	100 %	12 in (30,48 cm)	230° C	260 mm	
52-000130-14	300077	Induction Blanket 14"	max. 20 kW	100 %	14 in (35,56 cm)	230° C	260 mm	
52-000130-16	300075	Induction Blanket 16"	max. 20 kW	100 %	16 Zoll (40,64 cm)	230° C	260 mm	
52-000130-18	300074	Induction Blanket 18"	max. 20 kW	100 %	18 Zoll (45,70 cm)	230° C	230 mm	
52-000130-20	300073	Induction Blanket 20"	max. 20 kW	100 %	20 Zoll (50,8 cm)	230° C	230 mm	
52-000130-22	300072	Induction Blanket 22"	max. 20 kW	100 %	22 Zoll (55,88 cm)	230° C	230 mm	
52-000130-24	300071	Induction Blanket 24"	max. 20 kW	100 %	24 Zoll (61 cm)	230° C	230 mm	
52-000130-26	300070	Induction Blanket 26"	max. 20 kW	100 %	26 Zoll (66 cm)	230° C	230 mm	
52-000130-28	300069	Induction Blanket 28"	max. 20 kW	100 %	28 Zoll (71,12 cm)	230° C	230 mm	
52-000130-30	300068	Induction Blanket 30"	max. 20 kW	100 %	30 Zoll (76 cm)	230° C	230 mm	
52-000130-32	300067	Induction Blanket 32"	max. 20 kW	100 %	32 Zoll (81,00 cm)	230° C	230 mm	
52-000130-34	300066	Induction Blanket 34"	max. 20 kW	100 %	34 Zoll (86,36 cm)	230° C	230 mm	
52-000130-36	300065	Induction Blanket 36"	max. 21 kW	100 %	36 Zoll (91,4 cm)	230° C	150 mm	
52-000130-38	300064	Induction Blanket 38"	max. 21 kW	100 %	38 Zoll (96,52 cm)	230° C	150 mm	
52-000130-40		Induction Blanket 40"	max. 35 kW	100 %	40 Zoll (102 cm)	230° C	150 mm	
52-000130-42	300063	Induction Blanket 42"	max. 35 kW	100 %	42 Zoll (107 cm)	230° C	150 mm	
52-000130-46	300062	Induction Blanket 46"	max. 35 kW	100 %	46 Zoll (117 cm)	230° C	150 mm	
52-000130-48	300061	Induction Blanket 48"	max. 35 kW	100 %	48 Zoll (122 cm)	230° C	150 mm	
52-000130-52	300060	Induction Blanket 52"	max. 35 kW	100 %	52 Zoll (132 cm)	230° C	150 mm	
52-000130-56	224584	Induction Blanket 56"	max. 35 kW	100 %	56 Zoll (142,5 cm)	230° C	150 mm	
52-000130-60	300336	Induction Blanket 60"	max. 35 kW	100 %	60 Zoll (152,4 cm)	230° C	150 mm	

Air Cooled

Induction Blankets without closure with KEVLAR-sleeve

Original Miller-parts

Order No.	Description	Heating Width	Euro
50-300078	Induction Blanket 12"	260 mm	
50-300077	Induction Blanket 14"	260 mm	
50-300075	Induction Blanket 16"	260 mm	
50-300074	Induction Blanket 18"	230 mm	
50-300073	Induction Blanket 20"	230 mm	
50-300072	Induction Blanket 22"	230 mm	
50-300071	Induction Blanket 24"	230 mm	
50-300070	Induction Blanket 26"	230 mm	
50-300069	Induction Blanket 28"	230 mm	
50-300068	Induction Blanket 30"	230 mm	
50-300067	Induction Blanket 32"	230 mm	
50-300066	Induction Blanket 34"	230 mm	
50-300065	Induction Blanket 36"	150 mm	
50-300064	Induction Blanket 38"	150 mm	
50-300063	Induction Blanket 42"	150 mm	
50-300062	Induction Blanket 46"	150 mm	
50-300061	Induction Blanket 48"	150 mm	
50-300060	Induction Blanket 52"	150 mm	
50-224584	Induction Blanket 56"	150 mm	
50-300336	Induction Blanket 60"	150 mm	



Aluminium bracket (suitable for heat- and induction blankets)

Model	Order No.	Part	Euro
PM32A	52-000019-32	32 in (81 cm)	
PM36A	52-000019-36	36 in (91,4 cm)	
PM40A	52-000019-40	40 in (102 cm)	
PM48A	52-000019-48	48 in (122 cm)	
PM56A	52-000019-56	56 in (142,5 cm)	

Further sizes available on demand!

Air Cooled High Temperature Heating-Cables

- 100 % compliant with all Miller Pro Heat products
- Improved coating against penetration by foreign matters
- Long service life
- All parts exchangeable
- Extremely narrow design available for restricted space
- High load capacity and ruggedness
- Extremely heat- and abrasion resistant
- Easy to assemble, easy maintenance and servicing
- Customized special designs



Flexible High-Temperature Heating-Cables

Model	Order No.	Output	Duty Cycle	Length	Workpiece Temperature	Weight	Euro
PM5-LH	52-000120-05	max. 35 kW	100 %	16 ft (5 m)	max 230° C	5 kg	
PM10-LH	52-000120-10	max. 35 kW	100 %	33 ft (10 m)	max 230° C	10 kg	
PM15-LH	52-000120-15	max. 35 kW	100 %	50 ft (15 m)	max 230° C	15 kg	
PM20-LH	52-000120-20	max. 35 kW	100 %	66 ft (20 m)	max 230° C	20 kg	
PM25-LH	52-000120-25	max. 35 kW	100 %	82 ft (25 m)	max 230° C	25 kg	
PM30-LH	52-000120-30	max. 35 kW	100 %	98 ft (30 m)	max 230° C	30 kg	

Further sizes available on demand!



Your Benefits

- Better heat distribution than an external inductor
- Smaller design compare to an external inductor

Air Cooled Inductor internal

Model	Order No.	Output	Duty Cycle	Part	Workpiece Temperature	Weight	Heating Width	Euro
PM18I	52-000023-18	max. 35 kW	100 %	18 in (45,7 cm)	max 230° C	20 kg	135 mm	
PM30I	52-000023-30	max. 35 kW	100 %	30 in (76 cm)	max 230° C	20 kg	135 mm	
PM32I	52-000023-32	max. 35 kW	100 %	32 in (81 cm)	max 230° C	24 kg	135 mm	
PM36I	52-000023-36	max. 35 kW	100 %	36 in (91,4 cm)	max 230° C	20 kg	135 mm	
PM40I	52-000023-40	max. 35 kW	100 %	40 in (102 cm)	max 230° C	20 kg	135 mm	
PM48I	52-000023-48	max. 35 kW	100 %	48 in (122 cm)	max 230° C	21 kg	135 mm	
PM56I	52-000023-56	max. 35 kW	100 %	56 in (142,5 cm)	max 230° C	26 kg	135 mm	

Further sizes available on demand!



Your Benefits

- Connection on one or two Heater possible
- Further sizes available on demand

Heating time: less than 5 min from 20°C to 200°C
connecting on two Heater
diameter of the pipe 48", thickness = 22mm



Air Cooled wide Hinged Inductor

- Wide Inductor for curing the insulation

Air Cooled Hinged Inductor

Model	Order No.	Output	Duty Cycle	Part	Workpiece Temperature	Heating Width	Euro
PM14K	52-000142-14	max. 70 kW	100 %	14 in (35,56 cm)	max 230° C	120 mm	
PM28K	52-000142-28	max. 70 kW	100 %	28 in (71,12 cm)	max 230° C	120 mm	
PM32K	52-000142-32	max. 70 kW	100 %	32 in (81 cm)	max 230° C	120 mm	
PM36K	52-000142-36	max. 70 kW	100 %	36 in (91,4 cm)	max 230° C	120 mm	
PM48K	52-000142-48	max. 70 kW	100 %	48 in (122 cm)	max 230° C	120 mm	
PM56K	52-000142-56	max. 70 kW	100 %	56 in (142,5 cm)	max 230° C	120 mm	

Further sizes available on demand!



Your Benefits

- Connection up to 4 Heater possible
- Connection to 2 pipe ends simultaneously

Air Cooled Double Hinged Inductor

Modell	Order No.	Output	Duty Cycle	Part	Workpiece Temperature	Heating Width	Euro
PM36K	52-000140-36-2	max. 70 kW	100 %	36 Zoll (91,4 cm)	max 230° C	120 mm per pipe	
PM48K	52-000140-48-2	max. 70 kW	100 %	48 Zoll (122 cm)	max 230° C	120 mm per pipe	
PM56K	52-000140-56-2	max. 70 kW	100 %	56 Zoll (142,5 cm)	max 230° C	120 mm per pipe	

Further sizes available on demand!

Air Cooled Static Ring Inductor 300mm



Model	Order No.	Output	Duty Cycle	Workpiece Diameter	Workpiece Temperature	Euro
RIS-300L	52-000025-300	max. 35 kW	100 %	max. 300 mm	max. 250° C	

Further sizes available on demand!

Miller PROHEAT 35 Water Cooled

The Water Cooled Induction Heating System is designed for preheating, hydrogen bake-out and stress relieving applications up to 1450° Fahrenheit (788° C).

Technical Data

Rated output: 35 kW at 100 % Duty Cycle
 Output Frequency: 5– 30 kHz
 Input Amperes at Rated Output: 59 A
 Input Power 50 Hz: 400 V AC
 Dimensions: H 27.5 x W 21.75 x D 36.75 in.
 (H 635 x B 552 x T 933 mm)
 Weight: 227 lb. (103 kg)

Benefits

- Cost savings through induction
- Better temperature stability during welding
- Safety increase (no open flame)
- easy to use
- flexibility

Fields of Applications

- Construction of pipelines
- Off-Shore
- Wind-energy industry
- Mechanical engineering
- Shipbuilding
- Power plant construction



Order No.	Description	Euro
50-907690	ProHeat 35 CE 400-460V 50/60 Hz	
50-195436	Running Gear, ProHeat 35	
50-301117	Rolling Inductor	
50-301119	Rolling Inductor, Mounting Arm <i>further accessories for the rolling inductor available on request</i>	
50-301298	Cooler, Heavy Duty Induction	

P+M Output Extension Cable Water Cooled

Your Benefits

- flexible
- easy repair
- robust spring pin (pos. 26 and 27)
- further sizes on demand

Repair of damaged cables

- possible repairs in case of damaged plugs or at the end of the cable
- most common defect are broken contact pins for cable detection
--> Replacement by our spring-loaded contacts (give in to stress and can not break)
- if desired, the machine-side connection sockets can also be retrofitted with spring pins
- Quotation in case of damage



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19-22



spring pin built-in



Single spring pin



Typical defect of an original pin

P+M Parts (similar design as the original Miller-parts)

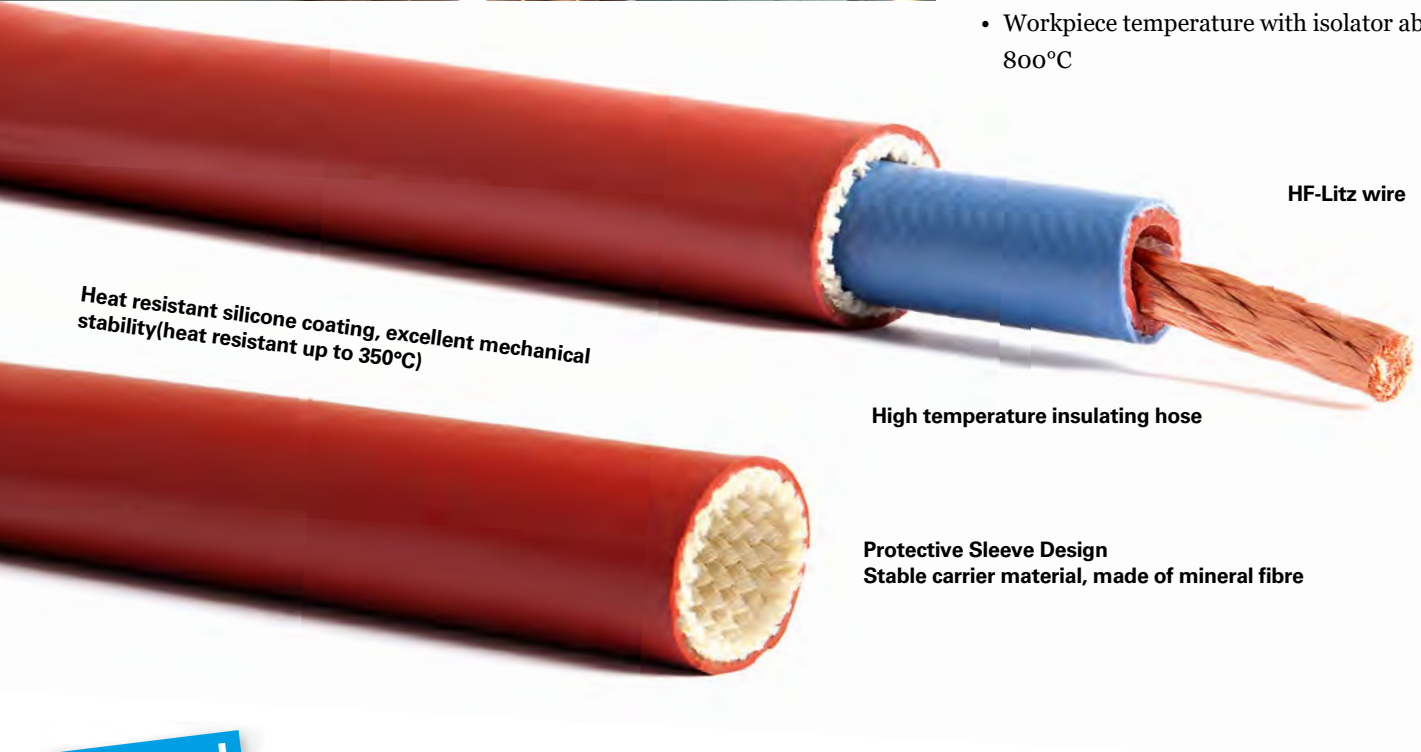
Item	Order No.	Ref.	Description	Euro
19	52-000115-03	300180	Output Extension Cable, Water Cooled 10 ft (3 mtr.)	
20	52-000115-07	195402	Output Extension Cable, Water Cooled 25 ft (7,6 mtr.)	
21	52-000115-15	195403	Output Extension Cable, Water Cooled 50 ft (15,2 mtr.)	
22	52-000115-24	300598	Output Extension Cable, Water Cooled 75 ft (24,4 m)	
23	52-000030		Quick Connect Water Jumper	
24	07-000100-010		Coolant Low Conductivity HKF15, 10 ltr. Canister	
25	07-000100-200		Coolant Low Conductivity HKF15, 200 ltr. Barrel	
26	51-000503-01		Spring pin male complete with cable	
27	51-000504		Spring pin female complete with cable	

Original Miller-parts (without illustration)

Item	Order No.	Description	Euro
19	50-300180	Output Extension Cable, Water Cooled 10 ft (3 mtr.)	
20	50-195402	Output Extension Cable, Water Cooled 25 ft (7,6 mtr.)	
21	50-300403	Output Extension Cable, Water Cooled 50 ft (15,2 mtr.)	
22	50-300598	Output Extension Cable, Water Cooled 75 ft (22,8 m)	
23	50-204877	Quick Connect Water Jumper	
24	50-043810	Coolant Low Conductivity, 1 gallon (3,8 ltr.)	

Water Cooled Heating-Cables

- 100 % compliant with all Miller Pro Heat products
- Improved coating against penetration by foreign matters
- Special lengths
- Easy to maintain, easy to repair
- Customized special designs
- Long service life
- All parts exchangeable
- High load capacity and ruggedness
- Extremely heat- and abrasion resistant
- Easy to assemble, easy maintenance and servicing
- Workpiece temperature with isolator about 800°C



HF-Litz wire

Heat resistant silicone coating, excellent mechanical stability(heat resistant up to 350°C)

High temperature insulating hose

Protective Sleeve Design
Stable carrier material, made of mineral fibre

Optional

Protective sleeve for water cooled heating cable

Weight: 340 g/m; Diameter: 32 mm

Your benefits

- Improved protection against mechanical damage.
- No additional insulation required with working temperatures of up to 300 °C



Heating cable, equipped with our special protective sleeve



P+M Parts (similar design as the Original Miller-parts)

Model	Order No.	Ref.-Nr.	Output	Duty Cycle	Length	Weight empty/filled	Cooling	Euro
WITHOUT PROTECTIVE SLEEVE								
PM9-W	52-000036-09	300045	max. 35 kW	100 %	30 ft (9,1 m)	6,5 kg/7,1 kg	Water Cooling	
PM15-W	52-000036-15	300046	max. 35 kW	100 %	50 ft (15,1 m)	8,2 kg/9,1 kg	Water Cooling	
PM24-W	52-000036-24	300047	max. 35 kW	100 %	80 ft (24,4 m)	13,8 kg/15,4 kg	Water Cooling	
PM42-W	52-000036-42	300049	max. 35 kW	100 %	140 ft (42,7 m)	24,15 kg/26,9 kg	Water Cooling	
PM48-W	52-000036-48		max. 35 kW	100 %	160 ft (48,7 m)	33,9 kg/37,7 kg	Water Cooling	

WITH PROTECTIVE SLEEVE

PM9-WH	52-000033-09		max. 35 kW	100 %	30 ft (9,1 m)	10,5 kg/11,1 kg	Water Cooling	
PM14-WH	52-000033-14		max. 35 kW	100 %	46 ft (14 m)	13,9 kg/14,8 kg	Water Cooling	
PM15-WH	52-000033-15		max. 35 kW	100 %	50 ft (15,1 m)	13,9 kg/14,8 kg	Water Cooling	
PM24-WH	52-000033-24		max. 35 kW	100 %	80 ft (24,4 m)	23,0 kg/24,6 kg	Water Cooling	

Further sizes available on demand!

Original Miller-parts

Order No.	Output	Duty Cycle	Length	Cooling	Euro
WITHOUT PROTECTIVE SLEEVE					
50-300045	max. 35 kW	100 %	30 ft (9,1 m)	Water Cooling	
50-300046	max. 35 kW	100 %	50 ft (15,1 m)	Water Cooling	
50-300047	max. 35 kW	100 %	80 ft (24,4 m)	Water Cooling	
50-300049	max. 35kW	100 %	140 ft (42,7 m)	Water Cooling	



Water Cooled Hinged Inductor (for thick-walled pipes)

Model	Order No.	Output	Duty Cycle	Part	Temperature	Cooling	Euro
PM14KW	52-000141-14	max. 35 kW	100 %	14 in (35,56 cm)	230° C	Water Cooling	
PM28KW	52-000141-28	max. 35 kW	100 %	28 in (71,12 cm)	230° C	Water Cooling	
PM32KW	52-000141-32	max. 35 kW	100 %	32 in (81 cm)	230° C	Water Cooling	
PM36KW	52-000141-36	max. 35 kW	100 %	36 in (91,4 cm)	230° C	Water Cooling	
PM48KW	52-000141-48	max. 35 kW	100 %	48 in (122 cm)	230° C	Water Cooling	
PM56KW	52-000141-56	max. 35 kW	100 %	56 in (142,5 cm)	230° C	Water Cooling	

Further sizes available on demand!



Water Cooled Inductor for Rail heating

Order No.	Output	Duty Cycle	Description	Temperature	Weight	Cooling	Euro
52-000135-50	max. 35 kW	100 %	Rail joint S64/Uic60	230° C	20 kg	Water Cooling	

Further sizes available on demand!



Water Cooled Segment Inductor

Order No.	Output	Duty Cycle	Workpiece	Workpiece Temperature	Euro
52-000200-100	max. 35 kW	100 %	r = 100 mm	230° C	
52-000200-200	max. 35 kW	100 %	r = 200 mm	230° C	

Further sizes available on demand!

Water Cooled Static Ring Inductor 300mm

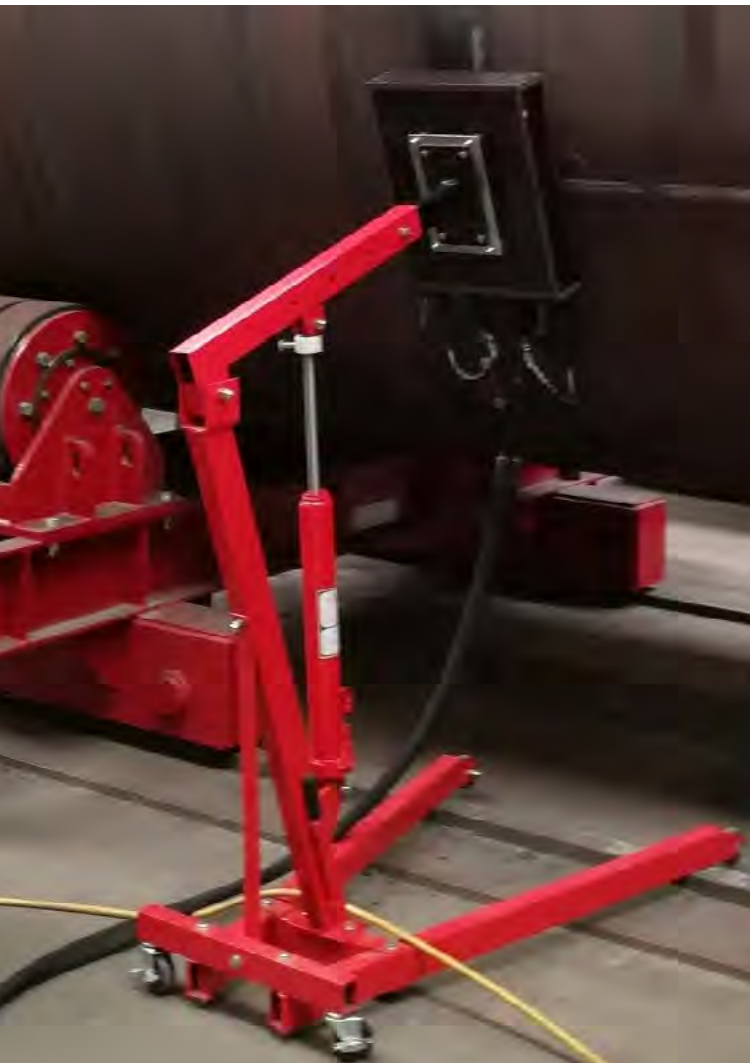


Model	Order No.	Output	Duty Cycle	Workpiece Diameter	Workpiece Temperature	Euro
RIS-300W	52-000024-300	max. 35 kW	100 %	max. 300 mm	max. 250° C	

Further sizes available on demand!

Water Cooled Standing Inductor

- for the preheating of big pipes before welding (>1000 mm) Output: up to 35 kW
- for workpiece temperature up to 300°C
- Dimensions 300 x 300 mm.
- individually configuration
- high duty cycle



Your benefits

- ideal for rotating pipes
- ideal for Pre-Heating before UP-Welding
- suitable for many pipe diameter

Article Number	Description	Output	Duty Cycle	Workpiece Diameter	Workpiece Temperature	Inductor Width	Euro
52-000226-01	Standing Inductor	max. 35 kW	100 %	> 1000 mm	300° C	50 cm x 43 cm	

Further rises on request.

OPTIONAL

52-000227-01	Stativ for Standing Inductor						
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Applications

Non-contact heating with Induction before and until welding.

Suitable for MILLER ProHeat.

EXAMPLE 1:

Pipe diameter 6500 mm

wall thickness 24 mm

scope inside = 19.485 mm

rotation speed 510 mm/min (38 minutes for one revolution)

Inductor positioned at 3 o'clock, Rotation of the pipe clockwise.

Temperature at the beginning 15°C

Workpiece temperature 1. Passing, direkt behind the inductor = 100°C

Workpiece temperature 1. Passing at 6 o'clock cooled down at 90°C

Workpiece temperature 2. Passing, direkt behind the inductor = 130°C

Workpiece temperature 2. Passing at 6 o'clock cooled down at 110°C

EXAMPLE 2:

Pipe diameter 2700 mm

wall thickness = 60 mm

scope inside = 8100 mm

rotation speed = 600 mm/min (13,5 minutes for one revolution)

Inductor positioned at 3 o'clock, Rotation of the pipe clockwise.

Temperature at the beginning 25°C

Workpiece temperature 1. Passing, direct behind the inductor:	110°C Pipe-Outside;	55°C Pipe-Inside
(Workpiece temperature 1. Passing, at o'clock (after 1/2 revolution):	55°C Pipe-Outside;	50°C Pipe-Inside)
Workpiece temperature 2. Passing, direct behind the inductor:	140°C Pipe-Outside;	70°C Pipe-Inside
Workpiece temperature 3. Passing, direct behind the inductor:	155°C Pipe-Outside;	95°C Pipe-Inside
Workpiece temperature 4. Passing, direct behind the inductor :	220°C Pipe-Outside;	120°C Pipe-Inside

Several inductors can be used simultaneously.

This will reduce the heating times accordingly.

Accessories Miller PROHEAT 35 Air and water cooled

Insulating mat made of silicate fiber



Your benefits

- For insulation instead of glass wool (it does not itch)

Order No.	Description	Euro
52-000810	Silicate fiber 25mm (role 4,46m ²)	
52-194965	Heat-resitant silicate tape WT65 Type C 25x3mm for attaching the insulating mat	

Holding magnet incl. bracket for fixing the induction cables



Order No.	Description	Euro
52-000221	Holding magnet incl. bracket	



Protecting sleeve

P+M Parts (similar design as the Original Miller-parts)

Order No.	Ref.-No.	Description	Euro
52-000055-09	204611	Protecting sleeve 9,14 m	
52-000055-15	204614	Protecting sleeve 15,24 m	
52-000055-24	204620	Protecting sleeve 24,38 m	
52-000055-43		Protecting sleeve 43,0 m	

Further sizes available on demand!

Remote Contactor Control, Remote Hand Control and Thermocouple wire without pictures

P+M Parts (similar design as the Original Miller-parts)

Order No.	Description	Euro
52-043932-07	Remote Contactor Control 7,6m ProHeat 35, different length possible	
52-042985	Remote Contactor Control extension cable 7,6 m	
52-242211	Remote Hand Control, different length possible	
52-194999	Thermocouple wire Typ K 150 m	

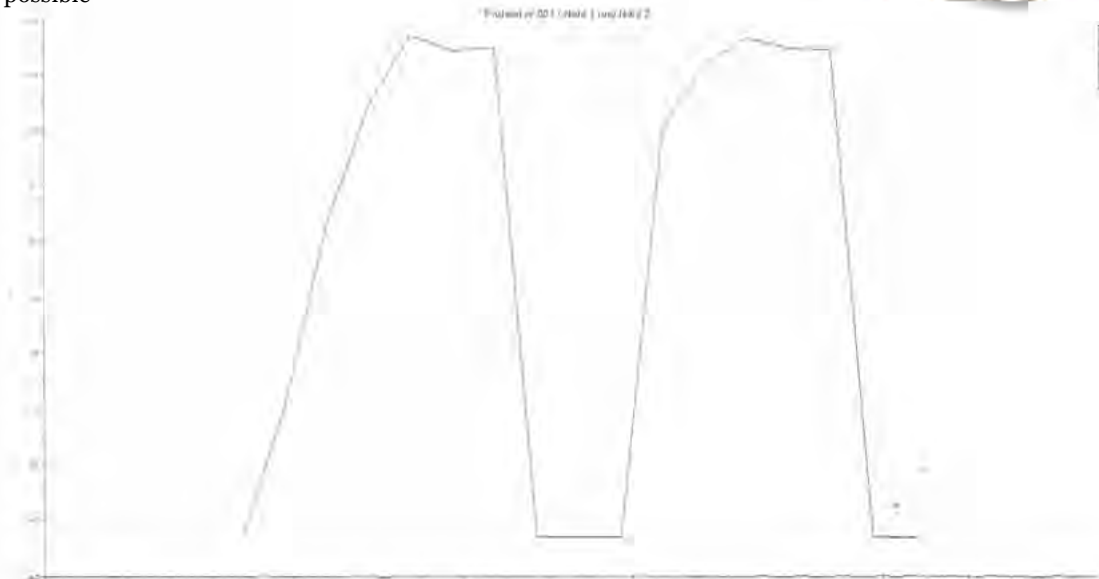
Original Miller-Parts

Order No.	Description	Euro
50-204611	Protecting sleeve 9,14 m	
50-204614	Protecting sleeve 15,24 m	
50-204620	Protecting sleeve 24,38 m	
50-043932	Remote Contactor Control 7,6 m ProHeat 35	
50-042985	Remote Contactor Control extension cable 7,6 m	
50-194959	Thermocouple attachment unit Typ K	
50-194999	Thermocouple wire Typ K 150 m	

Digital Recorder for Miller PROHEAT 35

Your benefits

- low costs
- universally applicable
- 4-channels/sensors, configurable as required
- calibration is possible



Order No.	Description	Euro
52-000800	USB-data logger, 4-channel, Recorder	
52-000801	data collector (Reader for logger)	
52-000802	Voltage input cable for data logger	

Temperature sensor „Pyrometer“ for Miller PROHEAT 35



Your benefits

- Pyrometer with K-Output
- non-contact temperature measurement
- very fast response time
- temperatures up to 500°C

Order No.	Description	Euro
52-200202-04	Temperature sensor „Pyrometer“ (connection box specially for Miller ProHeat)	

Connection boxes for other equipment as Miller ProHeat are available on demand.

Contact-Temperature sensor



Order No.	Ref.	Description	Euro
52-200202	200202	Contact- Temperature sensor (different versions available)	

Extension cable for Contact-Temperature sensor



Order No.	Ref.	Description	Euro
52-200202-07	200201	Extension cable for Contact-Temperature sensor 7,6 m	
52-200202-30		Extension cable for Contact-Temperature sensor 30,0 m	

6-fold extension for Contact-Temperature sensor



Order No.	Ref.	Description	Euro
52-194968-15	194968	6-fold extension for Thermo 15,5 m	
52-194968-20		6-fold extension for Thermo 20,0 m	
52-194968-30		6-fold extension for Thermo 30,5 m	

Original Miller-parts (without illustration)

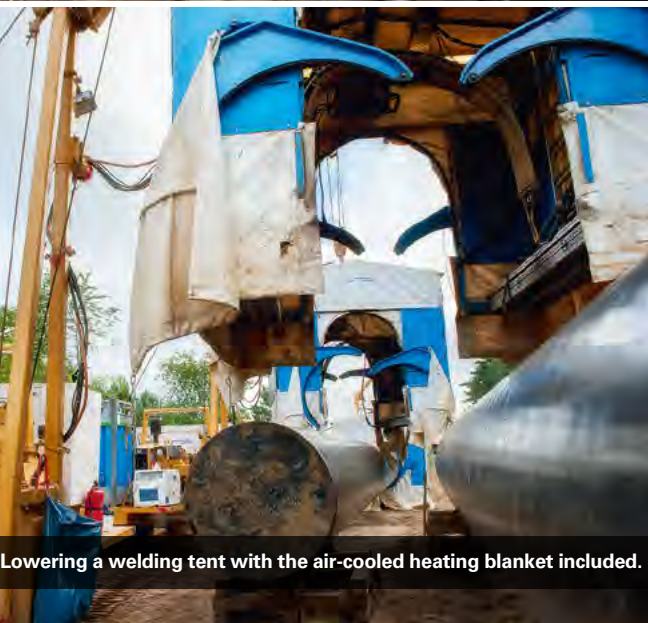
Order No.	Description	Euro
50-195374	Digital Recorder ProHeat 35	
50-300168	connecting cable for digital Recorder	
50-200202	Contact-Temperature sensor	
50-200201	Extension cable for Contact-Temperature sensor 7,6 m	
50-194968	6-fold extension for Thermo 15,5 m	



Reference projects



Welding at night.



Lowering a welding tent with the air-cooled heating blanket included.



Lowering of the pipelines.



Flat surface inductors.



Inductor internal



Hinged inductor functional test

Customized solutions: Puller for bearing rings



1. Setting up the puller



2. Inductive Heating of the bearing rings by keystroke



3. Powerless removal of the bearing rings within seconds

Customized solutions: Puller for impeller



1. Setting up the impeller



2. Inductive Heating of the impeller by keystroke



3. Powerless removal of the impeller



Customized solutions: ...

Special Constructions

You need special designs for your preheaters which are not covered by our extensive standard product line of heaters and blankets?

No problem:

No matter what you require, we also undertake development and construction of special designs. Our experts always find a solution to a difficult problem.

Just talk to us!

By phone number [+49 5494 9874 0](tel:+49549498740) or by e-mail to info@pm-schweisstechnik.de.



09/2023

P+M Schweißtechnik

We convince through competence

About us ...

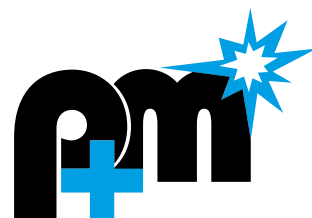
- A fixture in welding technology for over 30 years
- Customized solutions
- A range of over 100.000 items
- Professional advice and first class service for all welding tasks

Our products and services ...

- Delivery of all products related to welding technology
(Welding and plasma torches with wearing parts, welding and cutting technology, oxyfuel technology, power generators, welding filler materials, protective equipment, occupational safety, etc.)
- Repair and service
(Welding, cutting and oxyfuel systems, hose packages)
- Inductive Heating
(We will develop tailor-made inductors for you for preheating; repairs and new products from the Miller system)
- Hands-on demonstrations of the latest welding technologies
- DGUV tests

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