TM
INDUCTION HEATING

HEATING DONE RIGHT.



SURETHERM
SERIES

SURETHERM SERIES

General features
All SURETHERM heaters are low-frequency units that heat only the workpiece, ensuring gradual, uniform and stress-free heating. They offer real-time feedback via a multi-lingual touchscreen, dual-sensor mode for tension-free heating, and the ability to export heating cycle data with a click on a button.

Heating done right
Our new generation of low-frequency induction heating equipment offers the most efficient heaters for a wide range of applications. Equipped with 2 Sensor Technology, SURETHERM assures safe and stress-free heating. The efficient power regulation takes care of the rapid heating process.

All new design
Each unit is equipped with a user-friendly interface, an expanded operation area and an unrivalled power factor.

Low-frequency
A low-frequency heater provides a secure heating solution by gradually and uniformly heating the workpiece.



MODELS	WORKPIECE CAPABILITY	SPECIAL FEATURES
SURETHERM 5X	Ø 15 – 300 mm, max. 25 kg	Ultra-compact and portable; supplied with multiple yokes and two temperature sensors; optional carrying case; 4 heating modes with dual-sensor technology and real-time cycle graphs.
SURETHERM 10X	Ø 10 – 400 mm, max. 50 kg	Portable yet more powerful; intuitive touchscreen; pivoting yokes for easy loading; optional trolley or carrying case; dual-sensor mode for tension-free heating.
SURETHERM 20X	Ø 15 – 500 mm, max. 100 kg	Workshop model with large operation area and pivoting yokes; user-friendly interface and data export; delivers safe, low-frequency heating for medium-sized components.
SURETHERM 30X	Ø 30 – 600 mm, max. 200 kg	Higher-power model running on 400–575 V; offers larger working space; pivoting yokes and adjustable supports; dual sensors and touchscreen for precise control.
SURETHERM PRO 1X	Ø 30 – 1000 mm, max. 400 kg	Heavy-duty unit for industrial use; yoke design with optional trolley or lifting device; touchscreen control, USB export and dual-sensor mode.
SURETHERM PRO 1X-P	Ø 30 – 1000 mm, max. 400 kg	Same capacity as PRO 1X but with pivoting yokes for easier positioning of large components; ergonomic design and all-the-same control features.
SURETHERM PRO 3X	Ø 40 – 1500 mm, max. 800 kg	Handles very large parts; includes sliding worktable and heavy-duty pivoting yokes; high-power generator with real-time feedback and dual-sensor control.
SURETHERM PRO 6X	Ø 85 – 2000 mm, max. 1600 kg	Flagship model for extremely large components; custom specifications available; dual-sensor heating with comprehensive cycle graphs; optional accessories for safe handling of heavy parts.

SURETHERM SERIES

COMPARE PRODUCTS

	SURETHERM 5X	SURETHERM 10X	SURETHERM 20X	SURETHERM 30X
CAPACITY				
Max. workpiece weight	25 kg	50 kg	100 kg	200 kg
Min. bore (vertical)	Ø 10 mm	Ø 10 mm	Ø 15 mm	Ø 30 mm
Max. outer Ø (vert.)	Ø 330 mm	Ø 330 mm	Ø 416 mm	Ø 500 mm
Max. width (vertical)	120 mm	120 mm	175 mm	205 mm
Min. bore (horiz.)	Ø 66 mm	Ø 66 mm	80 mm	Ø 108 mm
Max. outer Ø (horiz.)	Ø 300 mm	Ø 400 mm	500 mm	Ø 600 mm
Max. width (horiz.)	145 mm	145 mm	180 mm	210 mm
ELECTRICAL *Different voltage or current on request				
Power rating	2.3 kVA	3 kVA	3.7 kVA	8 kVA
Voltage	110 / 230V	110 / 230V	110 / 230V	400 / 575V
Current max.	10 A	13 A	16 A	20 A
Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
CONTROLS				
Temperature	0-240°C	0-240°C	0-240°C	0-240°C
2 temperature sensors	Optional	Standard	Standard	Standard
Time control	0-99 min	0-99 min	0-99 min	0-99 min
Time / Temp Ramp	Yes	Yes	Yes	Yes
Heating graph	Yes	Yes	Yes	Yes
Set power	5-100%	5-100%	5-100%	5-100%
FEATURES				
Sound signal	Buzzer	Buzzer	Buzzer	Buzzer
Temperature hold	Yes	Yes	Yes	Yes
Demagnetizing	<2A/cm	<2A/cm	<2A/cm	<2A/cm
Magnetic probe	1 piece	2 sensors	2 sensors	2 sensors
Thermal safety	Yes	Yes	Yes	Yes
Touchscreen	Yes	Yes	Yes	Yes
DIMENSIONS & WEIGHT				
L x W x H	405 x 205 x 275	450 x 210 x 275	540 x 275 x 315	695 x 330 x 375
Unit weight	16 kg	21 kg	40 kg	85 kg
ACCESSORIES & OPTIONS				
Standard yokes	2	4	1	1
Optional yokes	4	3	7	7
Carrying case	Optional	Optional	—	—
Trolley	—	—	—	—
Lifting device	—	—	—	—

SURETHERM SERIES

COMPARE PRODUCTS

	SURETHERM PRO 1X	SURETHERM PRO 1X-P	SURETHERM PRO 3X	SURETHERM PRO 6X
CAPACITY				
Max. workpiece weight	400 kg	400 kg	800 kg	1600 kg
Min. bore (vertical)	Ø 115 mm	Ø 30 mm	Ø 300 mm	Ø 400 mm
Max. outer Ø (vert.)	Ø 728 mm	Ø 728 mm	Ø 1140 mm	Ø 1640 mm
Max. width (vertical)	290 mm	320 mm	425 mm	675 mm
Min. bore (horiz.)	Ø 30 mm	Ø 115 mm	Ø 45 mm	Ø 85 mm
Max. outer Ø (horiz.)	Ø 1000 mm	Ø 1000 mm	Ø 1500 mm	Ø 2000 mm
Max. width (horiz.)	315 mm	290 mm	485 mm	695 mm
ELECTRICAL *Different voltage or current on request				
Power rating	12.8 kVA	12.8 kVA	25.2 kVA	40 kVA
Voltage	380 / 400 / 440 / 460 / 480 or 575 V	380 / 400 / 440 / 460 / 480 or 575 V	380 / 400 / 440 / 460 / 480 or 575 V	380 / 400 / 440 / 460 / 480 or 575 V
Current max.	32 A	32 A	63 A	100 A
Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
CONTROLS				
Temperature	0-240°C	0-240°C	0-240°C	0-240°C
2 temperature sensors	Standard	Standard	Standard	Standard
Time control	0-99 min	0-99 min	0-99 min	0-99 min
Time / Temp Ramp	Yes	Yes	Yes	Yes
Heating graph	Yes	Yes	Yes	Yes
Set power	5-100%	5-100%	5-100%	5-100%
FEATURES				
Sound signal	Buzzer	Buzzer	Buzzer	Buzzer
Temperature hold	Yes	Yes	Yes	Yes
Demagnetizing	<2A/cm	<2A/cm	<2A/cm	<2A/cm
Magnetic probe	2 sensors	2 sensors	2 sensors	2 sensors
Thermal safety	Yes	Yes	Yes	Yes
Touchscreen	Yes	Yes	Yes	Yes
DIMENSIONS & WEIGHT				
L x W x H	850 x 410 x 1050	850 x 410 x 1050	1080 x 500 x 1350	1500 x 800 x 1530
Unit weight	157 kg	157 kg	280 kg	650 kg
ACCESSORIES & OPTIONS				
Standard yokes	1	3	1	1
Optional yokes	6	4	7	3
Carrying case	—	—	—	—
Trolley	Optional	Optional	Optional	Optional
Lifting device	Optional	Optional	Optional	Optional

SURETHERM 5X

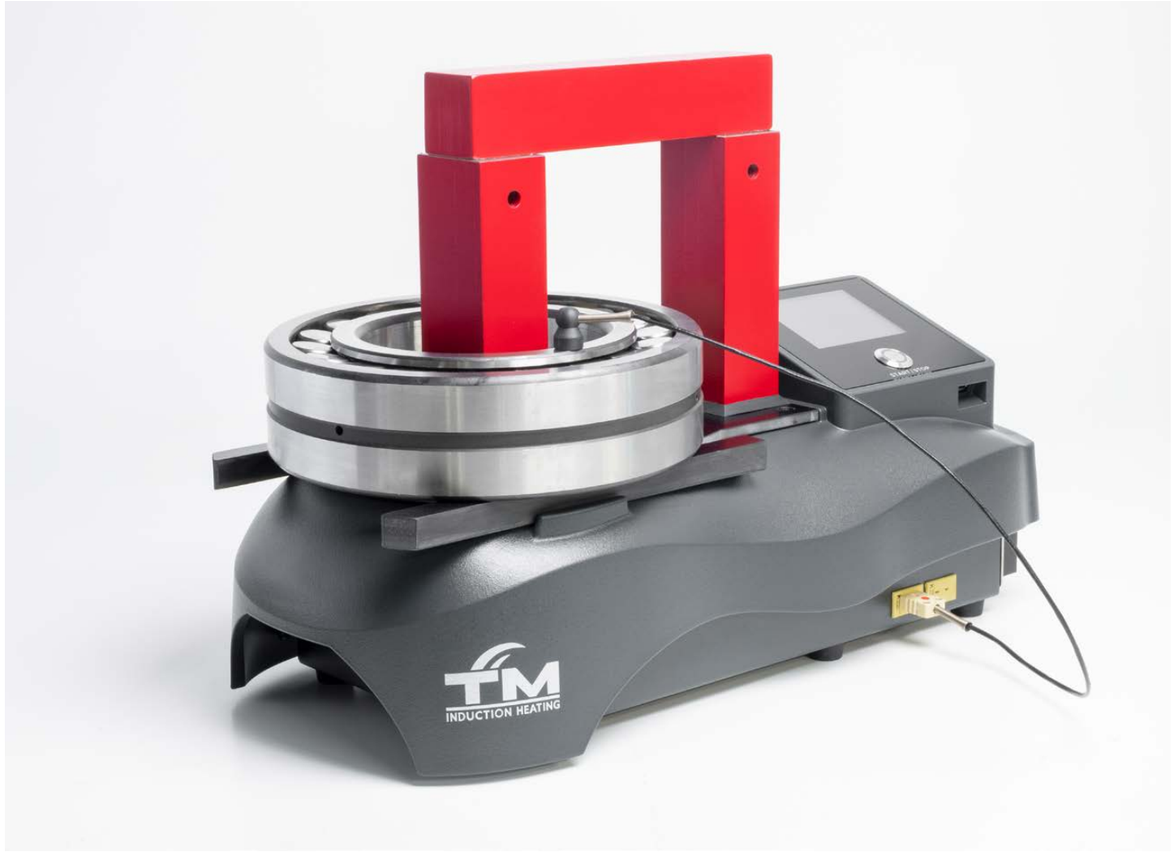
The SURETHERM 5X is the entry-level model in TM Induction Heating's professional SURETHERM SERIES — built to deliver high-quality, controlled heating for bearings, gearwheels, and other ring-shaped components. Though compact, the 5X meets the same engineering standards as the rest of the SURETHERM range, ensuring reliable, tension-free heating for parts up to 25 kg.

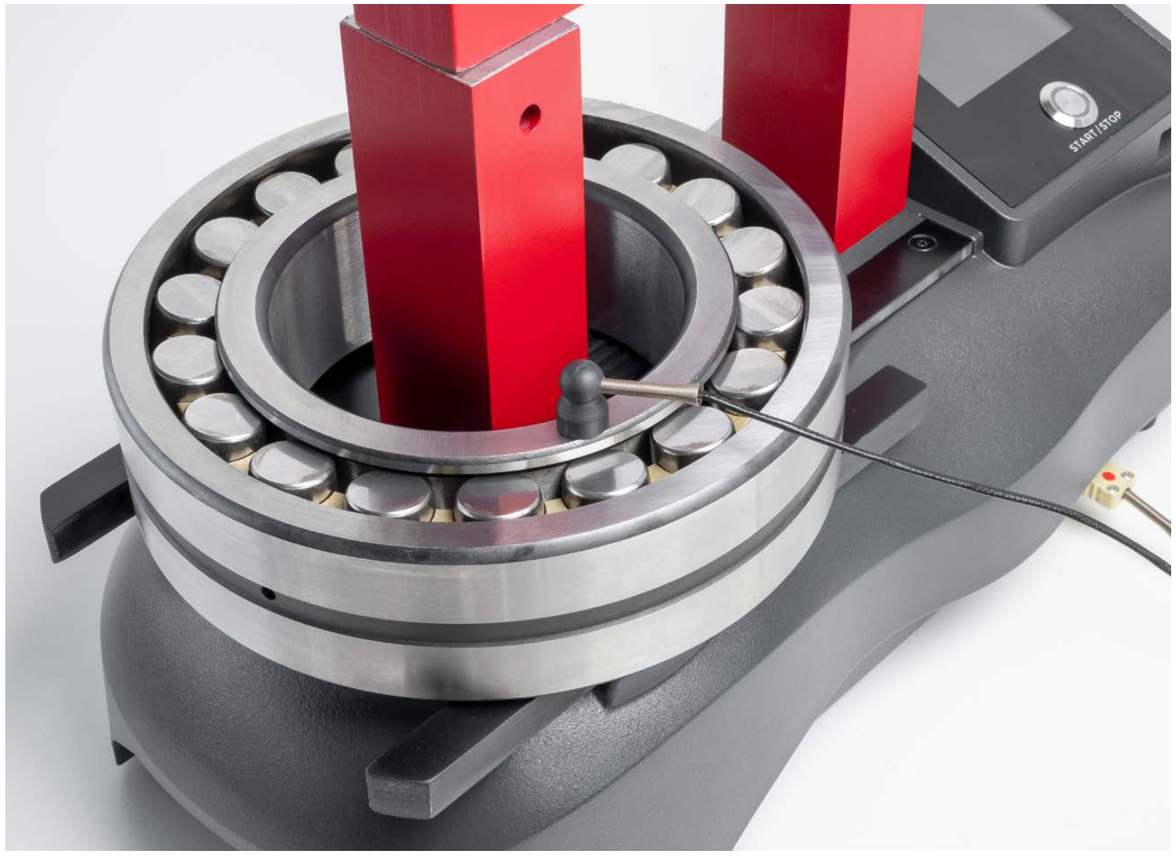
Key functions include optional dual-sensor operation and ramp mode, allowing precise thermal control to protect metallurgical structure. The unit features an industrial touchscreen interface for easy setup, real-time monitoring, and heating graph display. All data can be exported via USB, and firmware updates are supported throughout the product's life cycle.

Designed for production and maintenance environments, the SURETHERM 5X offers consistent performance with minimal operator effort. It combines the predictability and durability expected from TM Induction Heating systems, making it a practical and efficient choice where high performance and repeatability are required in a compact footprint.

- Entry-level model for professional induction heating
- Controlled, precision heating for parts up to 25 kg
- Optional Dual-sensor operation with automatic demagnetization
- User-friendly touchscreen with multiple languages
- Compact design and robust build
- Optional carrying case for easy transport





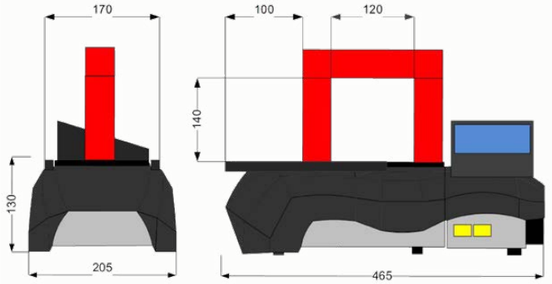


DATASHEET

SURETHERM 5X



ELECTRICITY	Power rating	2.3 kVA
	Voltage	110 or 230 V
	Current max.	10 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	25 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 10 mm
	Max. outer diameter vertical	Ø 330 mm
	Max. outer diameter w/ extension blocks	Ø 480 mm
	Max. workpiece width vertical	120 mm
	Min. bore horizontal	Ø 66 mm
	Max. outer diameter horizontal	Ø 300 mm
	Max. workpiece width horizontal	145 mm
DIMENSIONS	L x B x H	405 x 205 x 275 mm



WEIGHT HEATER	12.5 kg (without yokes)	
CONTROLS	Temperature	0-240°C
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors optional	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Set- and actual Temperature and/or power
	Heating time	Set- and actual time and/or power
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	One piece (standard package)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	14 x 14 x 200	Ø 20
	40 x 38 x 200	Ø 55
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	7 x 7 x 200	Ø 10
	10 x 10 x 200	Ø 15
	25 x 24 x 200	Ø 35
	30 x 26 x 200	Ø 40
	40 x 50 x 75 Set adapter yokes	
WARRANTY	Max. 36 Months (24+12)	

SURETHERM 10X

The SURETHERM 10X is the portable all-round model in TM Induction Heating's professional SURETHERM SERIES, built for controlled heating of bearings, gearwheels, and other ring-shaped components. It combines a compact footprint with higher capacity, delivering reliable, tension-free heating for parts up to 50 kg and larger diameters than the entry-level model.

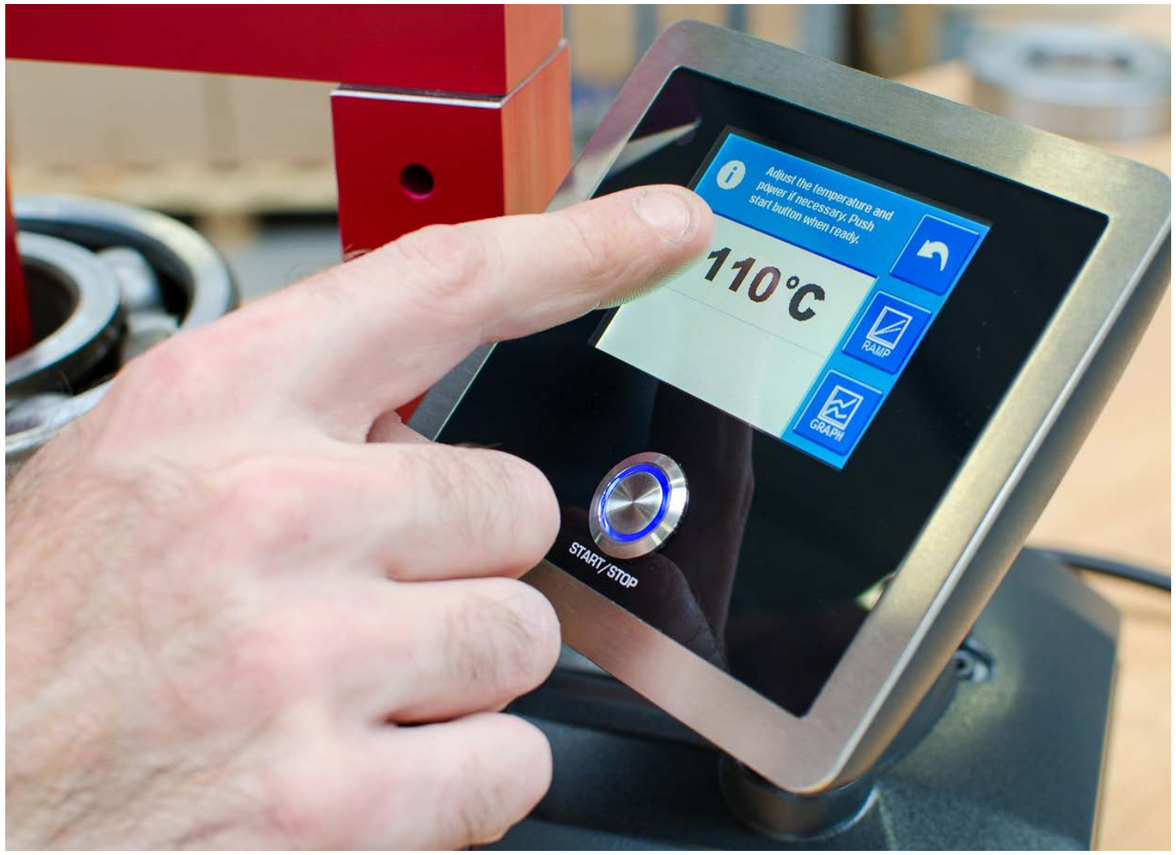
Key functions include dual-sensor heating for tension-free operation and ramp mode for precise thermal control. The industrial touchscreen makes setup fast and clear, with real-time monitoring and cycle graph display. Heating cycle data can be exported via USB, and firmware updates are supported across the product's life cycle.

Designed for service and maintenance work, the SURETHERM 10X is easy to move and quick to deploy. Optional transport accessories help you use it efficiently across different work areas without compromising repeatability.

- Portable all-round model with higher capacity
- Controlled heating for parts up to 50 kg
- Delivered with four yokes
- Dual-sensor mode for tension-free heating
- Industrial touchscreen with real-time monitoring
- Optional carrying case for easy transport







DATASHEET

SURETHERM 10X



ELECTRICITY	Power rating	3 kVA
	Voltage	110 or 230 V
	Current max.	13 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	50 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 10 mm
	Max. outer diameter vertical	Ø 330 mm
	Max. outer diameter w/ extension blocks	Ø 480 mm
	Max. workpiece width vertical	120 mm
	Min. bore horizontal	Ø 66 mm
	Max. outer diameter horizontal	Ø 400 mm
	Max. workpiece width horizontal	145 mm
DIMENSIONS	L x B x H	450 x 210 x 275 mm

WEIGHT HEATER	21 kg (without yokes)	
CONTROLS	Temperature	21 kg
	Time control	0-240°C (custom: 0-400°C)
(FOR TENSION-FREE HEATING)	2 temperature sensors optional	0-99 min
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-240°C ΔT 20-50°C
	Set power	0-99 min / 5-240°C
TOUCHSCREEN	Heating Temperature	5-100%
	Heating time	Set- and actual time and/or power
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	One piece (standard package)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	10 x 10 x 200	Ø 15
	14 x 14 x 200	Ø 20
	25 x 25 x 200	Ø 35
	40 x 40 x 200	Ø 55
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	7 x 7 x 200	Ø 10
	30 x 26 x 200	Ø 40
	40 x 50 x 75 Set extension yokes	
WARRANTY	Max. 36 Months (24+12)	

SURETHERM 20X

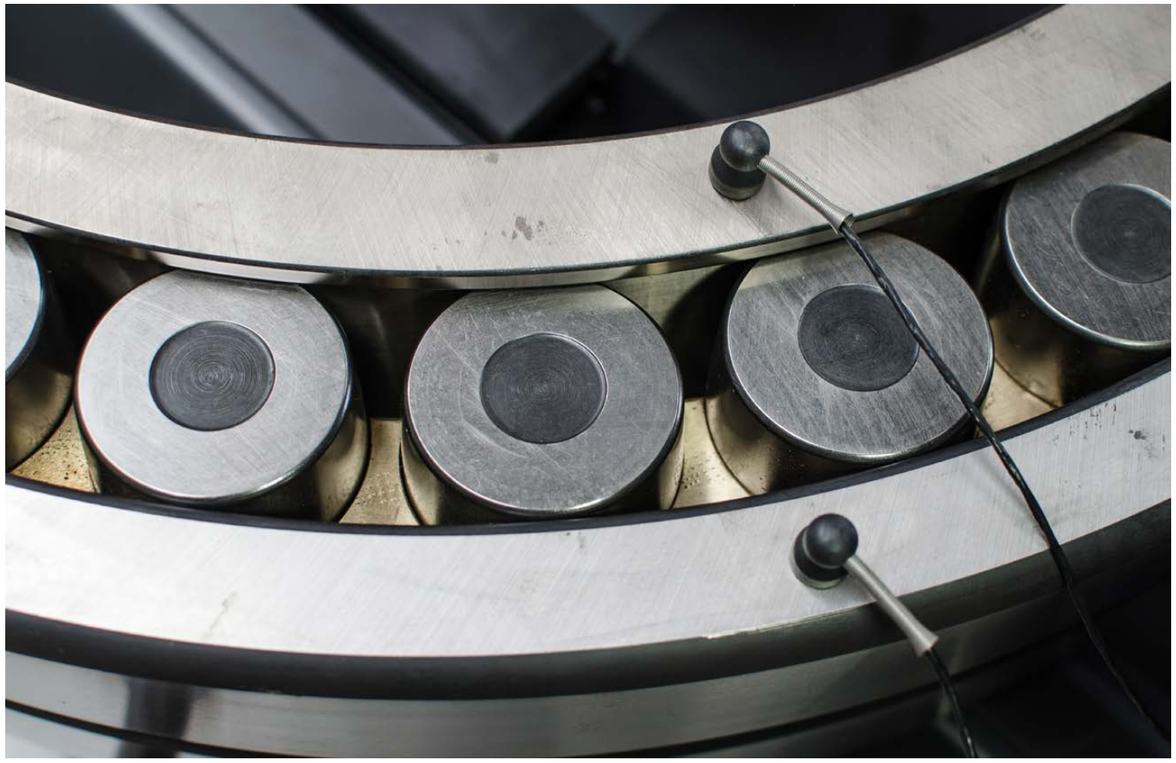
The SURETHERM 20X is the workshop workhorse in TM Induction Heating's professional SURETHERM SERIES, built for controlled heating of bearings, couplings, and other ring-shaped components. It offers a larger operation area and higher capacity, providing reliable, tension-free heating for parts up to 100 kg in daily workshop use.

Key functions include dual-sensor operation and ramp mode, enabling accurate control of heating processes to protect metallurgical structure. The industrial touchscreen interface supports fast setup, real-time monitoring, and heating graph display. All cycle data can be exported via USB, with firmware updates supported throughout the product's life cycle.

Designed for production and maintenance environments, the SURETHERM 20X focuses on ergonomics and repeatability. Pivoting yokes reduce handling effort, and the stable layout supports consistent results when you need controlled heating across a wide range of medium-sized components.

- Workshop workhorse for medium-sized components
- Controlled heating for parts up to 100 kg
- Large operation area with pivoting yokes
- Dual-sensor heating with ramp mode
- Touchscreen interface with USB data export
- Designed for daily production and maintenance use







DATASHEET

SURETHERM 20X



ELECTRICITY	Power rating	3.7 kVA
	Voltage	110 or 230 V
	Current max.	16 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	100 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 15 mm
	Max. outer diameter vertical	Ø 416 mm
	Max. outer diameter w/ extension blocks	Ø 656 mm
	Max. workpiece width vertical	175 mm
	Min. bore horizontal	80 mm
	Max. outer diameter horizontal	500 mm
	Max. workpiece width horizontal	180 mm
DIMENSIONS HEATER	L x B x H	540 x 275 x 315 mm

WEIGHT HEATER	without yokes	40 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	50 x 48 x 280 Pivot	Ø 70 mm
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	7 x 7 x 280	Ø 10
	10 x 10 x 280	Ø 15
	14 x 14 x 280	Ø 20
	25 x 24 x 280 Pivot	Ø 35
	30 x 26 x 280 Pivot	Ø 40
	40 x 38 x 280 Pivot	Ø 55
	Extension yokes (set) 50 x 62 x 120	
WARRANTY	Max. 36 Months (24+12)	

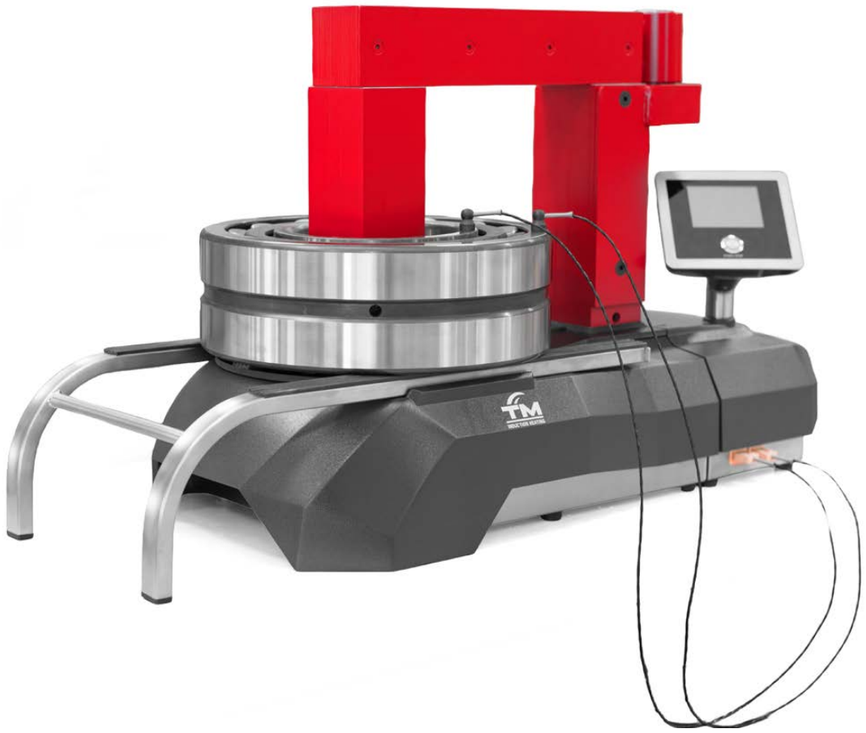
SURETHERM 30X

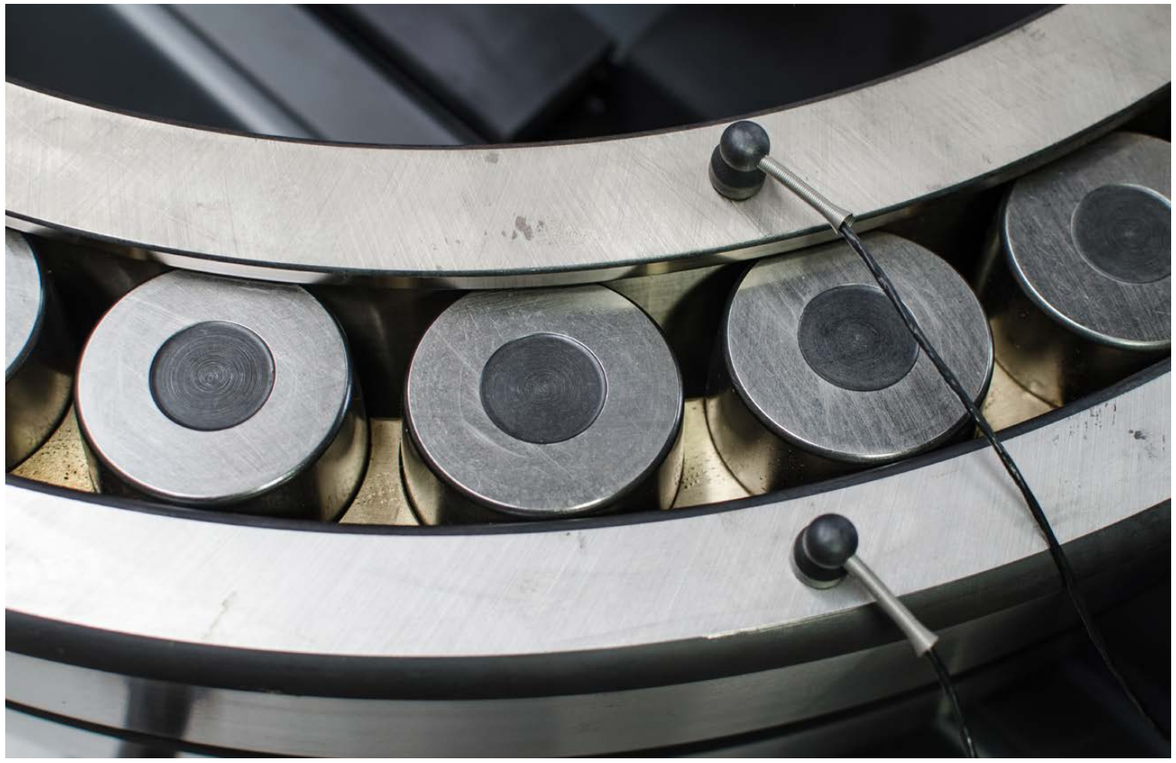
The SURETHERM 30X is the high-capacity bench model in TM Induction Heating's professional SURETHERM SERIES, built for controlled heating of larger bearings, gears, and similar ring-shaped parts. With more power and a larger working area, it delivers reliable, tension-free heating for parts up to 200 kg and supports bigger diameters for demanding jobs.

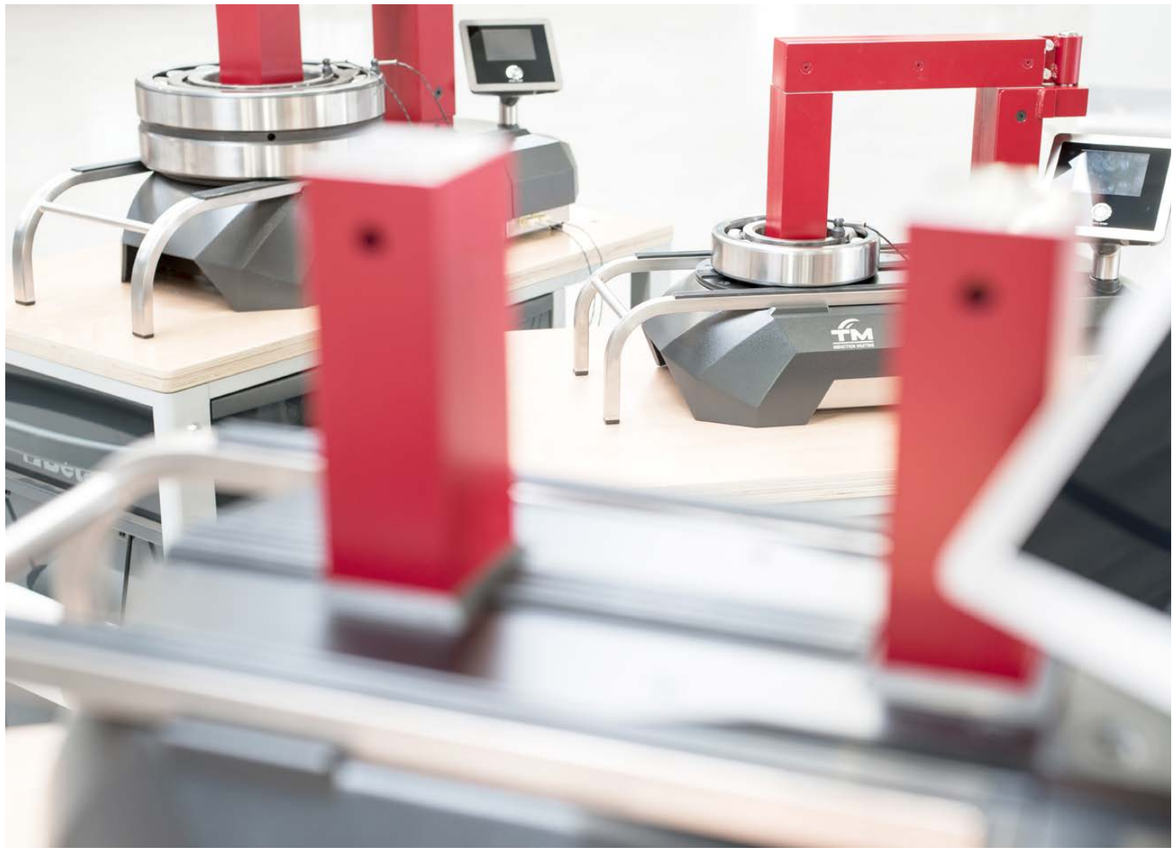
Key functions include dual-sensor heating and ramp mode for precise, repeatable thermal control. The unit features an industrial touchscreen interface for easy setup, real-time monitoring, and heating graph display. Data export via USB is available for documentation, and firmware updates are supported across the product's life cycle.

Designed for heavy workshop use and production environments, the SURETHERM 30X combines capacity with efficient handling. Pivoting yokes and adjustable supports help position larger components with less effort, making it a practical choice when you need high performance, process control, and repeatability on larger workpieces.

- High-capacity bench model for larger components
- Controlled heating for parts up to 200 kg
- Runs on 380/400/440/460/480 or 575 V
- Pivoting yokes and adjustable supports for safe handling
- Dual sensors with precise touchscreen control
- USB export with real-time cycle graphs







DATASHEET

SURETHERM 30X



ELECTRICITY	Power rating	8 kVA
	Voltage	380/400/440/460/480 or 575 V*
	Current max.	20 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	200 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 30 mm
	Max. outer diameter vertical	Ø 500 mm
	Max. outer diameter w/ extension blocks	Ø 800 mm
	Max. workpiece width vertical	205 mm
	Min. bore horizontal	Ø 108 mm
	Max. outer diameter horizontal	Ø 600 mm
	Max. workpiece width horizontal	210 mm
DIMENSIONS HEATER	L x B x H	695 x 330 x 375 mm

WEIGHT HEATER	without yokes	85 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	70 x 70 x 350 Pivot	Ø 100
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	14 x 14 x 350	Ø 20
	20 x 20 x 350 Pivot	Ø 30
	30 x 26 x 350 Pivot	Ø 40
	40 x 38 x 350 Pivot	Ø 55
	50 x 48 x 350 Pivot	Ø 70
	60 x 60 x 350 Pivot	Ø 85
	Set extension yokes 70 x 82 x 150	
	Set extension yokes 70 x 82 x 200	
WARRANTY	Max. 36 Months (24+12)	

SURETHERM PRO 1X

The SURETHERM PRO 1X is the heavy-duty industrial model in TM Induction Heating's SURETHERM range, built for controlled heating of large bearings, gears, and other ring-shaped components. It is designed for higher loads and larger diameters, delivering reliable, tension-free heating for parts up to 400 kg in demanding industrial environments.

Key functions include dual-sensor operation and ramp mode, enabling precise thermal control and repeatable heating cycles. The industrial touchscreen supports fast setup, real-time monitoring, and heating graph display. Cycle data can be exported via USB for documentation, and firmware updates are supported throughout the product's life cycle.

Designed for production and maintenance departments, the SURETHERM PRO 1X prioritizes robustness and predictable performance. The yoke design supports stable handling of heavy workpieces, and optional transport or table solutions help integrate the unit into your workflow where consistent results and operator efficiency matter.

- Heavy-duty industrial unit for large components
- Controlled heating for parts up to 400 kg
- Industrial touchscreen with USB data export
- Optional trolley or lifting device for integration on the shop floor
- Yoke design for stable positioning
- Dual-sensor operation with ramp mode







DATASHEET

SURETHERM PRO 1X



ELECTRICITY	Power rating	12.8 kVA
	Voltage	380/400/440/460/480 or 575 V*
	Current max.	32 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	400 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 115 mm
	Max. outer diameter vertical	Ø 728 mm
	Max. outer diameter w/ extension blocks	Not applicable
	Max. workpiece width vertical	290 mm
	Min. bore horizontal	Ø 30 mm
	Max. outer diameter horizontal	Ø 1000 mm
	Max. workpiece width horizontal	315 mm
DIMENSIONS HEATER	L x B x H	850 x 410 x 1050 mm

WEIGHT HEATER	without yokes	157 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	80 x 80 x 490	Ø 115
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	20 x 20 x 490	Ø 30
	30 x 26 x 490	Ø 40
	40 x 38 x 490	Ø 55
	50 x 48 x 490	Ø 70
	60 x 60 x 490	Ø 85
	70 x 70 x 490	Ø 100
WARRANTY	Max. 36 Months (24+12)	

SURETHERM PRO 1XPIVOT

The SURETHERM PRO 1X-P is the pivoting version of TM Induction Heating's heavy-duty SURETHERM PRO platform, built for controlled heating of large bearings and ring-shaped components. It offers the same industrial capacity as the PRO 1X, delivering reliable, tension-free heating for parts up to 400 kg while improving handling for larger workpieces.

Key functions include dual-sensor heating and ramp mode, giving you precise control over temperature and heating gradients to protect metallurgical structure. The industrial touchscreen supports easy setup, real-time monitoring, and heating graph display. USB export enables documentation of heating cycles, and firmware updates are supported across the product's life cycle.

Designed for industrial production and maintenance environments, the SURETHERM PRO 1X-P focuses on ergonomics and workflow efficiency. The pivoting yoke design helps position heavy components with less effort, making it a practical choice when you need high capacity, repeatability, and safer handling in daily operation.

- Same capacity as PRO 1X with improved ergonomics
- Pivoting yokes for easier positioning of large parts
- Touchscreen control with USB cycle export
- Controlled heating for parts up to 400 kg
- Dual-sensor heating with ramp mode
- Designed for repeatable industrial workflows







DATASHEET SURETHERM PRO 1XPIVOT



ELECTRICITY	Power rating	12.8 kVA
	Voltage	380/400/440/460/480 or 575 V*
	Current max.	32 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	400 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 30 mm
	Max. outer diameter vertical	Ø 728 mm
	Max. outer diameter w/ extension blocks	Ø 1080 mm
	Max. workpiece width vertical	320 mm
	Min. bore horizontal	Ø 115 mm
	Max. outer diameter horizontal	Ø 1000 mm
	Max. workpiece width horizontal	290 mm
DIMENSIONS HEATER	L x B x H	850 x 410 x 1050 mm

WEIGHT HEATER	without yokes	157 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	80 x 80 x 490 Pivot	Ø 115
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	20 x 20 x 490	Ø 30
	30 x 30 x 490	Ø 40
	40 x 40 x 490	Ø 55
	50 x 50 x 490	Ø 70
	60 x 60 x 490	Ø 85
	70 x 70 x 490	Ø 100
	Set extension yokes 92 x 80 x 150	
	Set extension yokes 92 x 80 x 200	
WARRANTY	Max. 36 Months (24+12)	

SURETHERM PRO 3X

The SURETHERM PRO 3X is the large-scale industrial model in TM Induction Heating's SURETHERM range, built for controlled heating of very large parts. It is designed for heavy-duty applications, delivering reliable, tension-free heating for parts up to 800 kg and larger diameters in demanding environments.

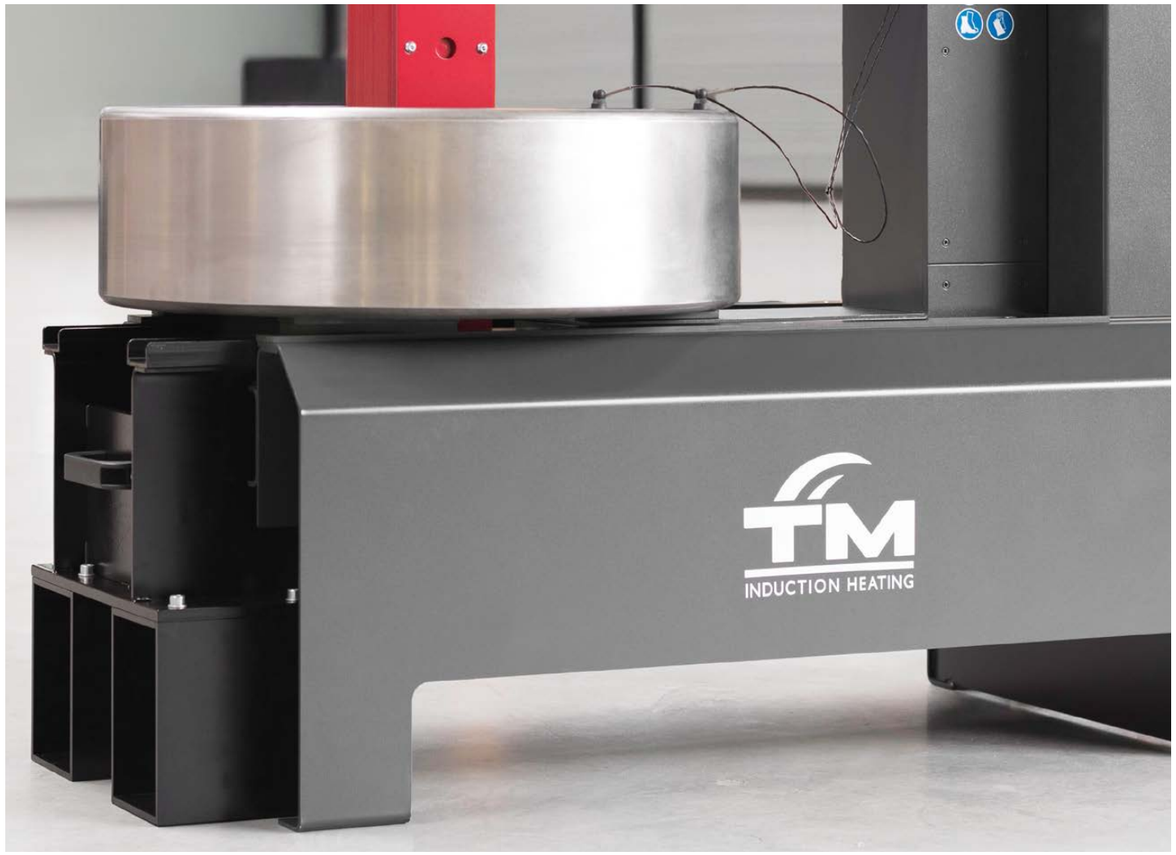
Key functions include dual-sensor operation and ramp mode for controlled, repeatable heating cycles. The unit features an industrial touchscreen for fast setup, real-time monitoring, and heating graph display. Heating cycle data can be exported via USB for traceability, and firmware updates are supported throughout the product's life cycle.

Designed for heavy industry, the SURETHERM PRO 3X combines capacity with improved handling for large workpieces. A robust work area and heavy-duty yoke concept support safer positioning and repeatable results, making it a solid choice where high power, process control, and operator efficiency are required.

- Industrial model for very large parts
- Controlled heating for parts up to 800 kg
- Heavy-duty pivoting yokes and sliding worktable
- High-power generator for demanding applications
- Dual-sensor control with real-time feedback
- Built for continuous use in heavy industry







DATASHEET

SURETHERM PRO 3X



ELECTRICITY	Power rating	25.2 kVA
	Voltage	380/400/440/460/480 or 575 V*
	Current max.	63 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	800 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 300 mm
	Max. outer diameter vertical	Ø 1140 mm
	Max. outer diameter w/ extension blocks	Not applicable
	Max. workpiece width vertical	425 mm
	Min. bore horizontal	Ø 45 mm
	Max. outer diameter horizontal	Ø 1500 mm
	Max. workpiece width horizontal	485 mm
DIMENSIONS HEATER	L x B x H	1080 x 500 x 1350 mm

WEIGHT HEATER	without yokes	280 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	100 x 100 x 750	Ø 145
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	30 x 26 x 750	Ø 40
	40 x 38 x 750	Ø 55
	50 x 48 x 750	Ø 70
	60 x 60 x 750	Ø 85
	70 x 70 x 750	Ø 100
	80 x 80 x 750	Ø 115
	90 x 90 x 750	Ø 130
WARRANTY	Max. 36 Months (24+12)	

SURETHERM PRO 6X

The SURETHERM PRO 6X is the flagship model in TM Induction Heating's SURETHERM range, built for controlled heating of extremely large bearings, gears, and ring-shaped components. It is designed for the highest capacity applications, delivering reliable, tension-free heating for parts up to 1600 kg in heavy industrial environments.

Key functions include dual-sensor operation and ramp mode, supporting precise thermal control and repeatable cycles on large, high-mass workpieces. The industrial touchscreen provides easy setup, real-time monitoring, and comprehensive cycle graph display. Data export via USB supports documentation and traceability, with firmware updates supported across the product's life cycle.

Designed for the most demanding production and maintenance use cases, the SURETHERM PRO 6X focuses on safe handling and controlled performance at scale. Its large working area supports oversized components, and optional accessories can be used to improve handling of heavy parts when reliability, repeatability, and operator safety are priorities.

- Flagship model for extremely large components
- Controlled heating for parts up to 1600 kg
- Custom specifications available for special applications
- Optional accessories for safe handling of heavy parts
- Large working area for oversized workpieces
- Dual-sensor heating with advanced cycle graphs







DATASHEET

SURETHERM PRO 6X



ELECTRICITY	Power rating	40 kVA
	Voltage	380/400/440/460/480 or 575 V*
	Current max.	100 A
	Frequency	50-60 Hz
WORKPIECE MAX. WEIGHT	Bearings and other parts	1600 kg
WORKPIECE DIMENSIONS	Min. bore vertical	Ø 400 mm
	Max. outer diameter vertical	Ø 1640 mm
	Max. outer diameter w/ extension blocks	Not applicable
	Max. workpiece width vertical	675 mm
	Min. bore horizontal	Ø 85 mm
	Max. outer diameter horizontal	Ø 2000 mm
	Max. workpiece width horizontal	695 mm
DIMENSIONS HEATER	L x B x H	1500 x 800 x 1530 mm

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WEIGHT HEATER	without yokes	650 kg
CONTROLS	Temperature	0-240°C (custom: 0-400°C)
	Time control	0-99 min
(FOR TENSION-FREE HEATING)	2 temperature sensors	0-240°C ΔT 20-50°C
(FOR TENSION-FREE HEATING)	Time / Temperature Ramp	0-99 min / 5-240°C
	Set power	5-100%
TOUCHSCREEN	Heating Temperature	Actual Temperature and Power, Set Temperature and Power, Timer
	Heating time	Actual Temperature and Power, Set Temperature, Timer
	Heating Temperature (2 sensors, optional)	Set- and actual temperature, time and power. Actual temperature difference between inside and outside diameter
	Heating Time / temp ramp	Set- and actual temperature, time and power
	Languages	English / Spanish / German / French / Italian / Slovenian / Swedish / Russian / Korean / Croatian / Japanese / Polish
	Error report	Shown in display
OTHERS	Heating graph	Shown in display
	External interface	USB 2.0 Port for download graph and heating cycles and up load new software
	Sound signal	Buzzer
	Temperature hold	Yes
	Demagnetizing	< 2A/cm
	Magnetic probe	2 sensors (standard)
	Thermal safety guard coil	Yes
STANDARD YOKE	Dimensions (mm)	Min. bore (mm)
	150 x 150 x 1080	Ø 215
AVAILABLE YOKES (OPTIONAL)	Dimensions (mm)	Min. bore (mm)
	60 x 60 x 1080	Ø 85
	80 x 80 x 1080	Ø 115
	100 x 100 x 1080	Ø 145
WARRANTY	Max. 36 Months (24+12)	