



Price list 2024



Industrial Solutions

Version 2024-02

Academy

Basic Training

Designation	Description	Price
Duration	3 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses.	
Maximum number of participant	3 to 8 person	
Cost	until 3 Person up to additional participant (max.5)	€ 3330 € 750

Advanced Training

Designation	Description	Price
Requirement	participated in the basic training	
Duration	2 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses.	
Maximum number of participant	3 to 8 person	
Cost	until 3 persons up to additional participant (max.5)	€ 2220 € 500

Basic + Advanced Training

Designation	Description	Price
Duration	4 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses	
Maximum number of participant	3 to 8 person	
Cost	until 3 persons up to additional participant (max.5)	€ 4440 € 1000

Maintenance Training

Designation	Description	Price
Duration	2 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses	
Maximum number of participant	3 to 8 person	
Cost	until 3 persons up to additional participant (max.5)	€ 2220 € 500

ExpertTraining

Designation	Description	Price
Duration	4 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses	
Maximum number of participant	3 to 8 person	
Cost	until 3 persons up to additional participant (max.5)	€ 4440 € 1000

Key-User Training

Designation	Description	Price
Duration	2 days	
Place	Harms &Wende GmbH & Co. KG Großmoorkehre 9 21079 Hamburg or at the customer on request, plus travel expenses	
Maximum number of participant	3 to 8 person	
Cost	until 3 persons up to additional participant (max.5)	€ 2220 € 500

Training courses

Harms & Wende offers qualified training courses. These are conducted by engineers, foremen or technicians. We assume 4-5 participants for such training courses. The general structure of the training course includes the following points:

- Basics of the welding processes or Harms & Wende systems to be trained
- Design and function, operation, causes of faults, fault finding and fault elimination

Training directly at Harms + Wende in Hamburg:	Price	Unit
Package up to 3 persons	€ 1110	per day
per additional participant (max.5)	€ 250	per day / part.

Training on site:	Price	Unit
The above flat rate applies plus travel costs, expenses and accommodation.		
Travel expenses:		
Travel costs by car	€ 1,00	per km
Travel costs Air, railway, taxi	Subject to expenditure	
Expenses		
• Germany:	€ 70	per day
• Abroad:	Subject to expenditure	
Accommodation		
Accommodation / overnight accommodation cost	Subject to expenditure	
Additional cost: (telephone, visa charges, etc.)	Subject to expenditure	

Overtime plus work on Sundays and public german holidays are subject to the tariff-based supplement rates.

Prices plus VAT.

Payable within 14 days net no deductions.

HWH flat rate repair prices

The current list price is used to determine the flat rate repair price. Project prices are disregarded

The repair flat rates are invalid if the repair exceeds 40% of the new price. No flat rates apply to thyristor output stages, MF transformers and devices which are over 10 years old.

Billing takes place here according to effort or price for rebuilding

Controls / Complete units / Weld enclosure	New price	verification-Flat rate
Repairs under a new price of	€ 525	€ 220
Repairs under a new price of	€ 1050	€ 465
Repairs under a new price of	€ 2100	€ 315
Repairs under a new price of	€ 3150	€ 390
Repairs under a new price of	€ 4200	€ 430
Repairs under a new price of	€ 5245	€ 485
Repairs over a new price of	€ 5245	€ 600
HWIxx03, HWIxx06, HWIxx08	-	€ 650
HWIxx13, HWIxx16	-	€ 745
HWIxx24, HWIxx32 or HWIxx36	-	€ 745
HWIxx40, HWIxx45, HWIxx60	-	€ 745

Components	verification-Flat rate
PCB set without fieldbus: e.g. G101, G201, G500	€ 485
PCB set with fieldbus: G101, G500, G612	€ 600
Sinius PCB set without fieldbus	€ 485
Sinius PCB set with fieldbus	€ 600
LUI1 (analogue, MPS or serial)	€ 390
LUI1+LUS3 (EVA profile standard)	€ 485
LUI1+LUS3+ZSM1 (IQR)	€ 600

Controls / Complete units / Weld enclosure	New price	Repair-Flat rate	Disposal shipping discount in the amount of:
Repairs under a new price of	€ 525	€ 240	€ 47 ¹ € 21 ² € 115 ³
Repairs under a new price of	€ 1050	€ 485	€ 47 ¹ € 21 ² € 115 ³
Repairs under a new price of	€ 2100	€ 610	€ 47 ¹ € 21 ² € 115 ³
Repairs under a new price of	€ 3150	€ 775	€ 47 ¹ € 21 ² € 115 ³
Repairs under a new price of	€ 4200	€ 900	€ 47 ¹ € 21 ² € 115 ³
Repairs under a new price of	€ 5245	€ 1.060	€ 47 ¹ € 21 ² € 115 ³
Repairs over a new price of	€ 5245	€ 1.215	€ 47 ¹ € 21 ² € 115 ³
HWIxx03, HWIxx06, HWIxx08	-	€ 2.175	€ 75 ² € 115 ³
HWIxx13, HWIxx16	-	€ 3.380	€ 75 ² € 115 ³
HWIxx24, HWIxx32 or HWIxx36	-	€ 4.595	€ 75 ² € 115 ³
HWIxx40, HWIxx45, HWIxx60	-	€ 11305	€ 115 ³

Components	Repair-Flat rate	Disposal
PCB set without fieldbus: e.g. G101, G201, G500	€ 940	€ 21
PCB set with fieldbus: G101, G500, G612	€ 1485	€ 21
Sinius PCB set without fieldbus	€ 1140	€ 21
Sinius PCB set with fieldbus	€ 1640	€ 21
LUI1 (analogue, MPS or serial)	€ 810	€ 75,00 ¹ € 21,00 ²
LUI1+LUS3 (EVA profile standard)	€ 1320	€ 75,00 ¹ € 21,00 ²
LUI1+LUS3+ZSM1 (IQR)	€ 1660	€ 75,00 ¹ € 21,00 ²

¹ The shipping discounts apply to controllers and inverters,

² These shipping discounts apply to boards and sets of boards,

³ Shipping discounts apply to welding cases / switch cabinets

Express repair surcharge: after delivery, prioritized processing	€ 435
Software updates and changes for inverter plus respective review flat rate	€ 435

Rebuilding a repair
70% of the gross new price or the corresponding module!

There are no disposal costs when purchasing a new welding control unit or component.

Payment conditions:	14 days net cash, no deductions
Delivery conditions:	Germany: packaged and free house (with standard shipping) Abroad: Shipping cost, packing and duty subject to expenditure Express shipping subject to surcharge

Services

This price list applies to

- Services
- Software creation
- Commissioning:
- Customer service assignments
- Repairs
- Consulting and remote maintenance

Working and travel time plus any preparation and review time incurred	Price	Unit
Daily flat rate for service	€ 1110	per day
Hourly rate for the service	€ 140	per hour
Travel expenses / daily flat rate	€ 70	per hour
Travel expenses:		
Travel costs by car	€ 1,00	per km
Travel cost air, railway, taxi	Subject to expenditure	
expenses (until 5 hours as of a total travel/working time of 5 hours)		
• Germany:	€ 60	per day
• Abroad:	Subject to expenditure	
Accommodation		
Accommodation	Subject to expenditure	
Ancillary costs		
(telephone, visa charges, etc.)	Subject to expenditure	

Overtime plus work on Sundays and public holidays are subject to the tariff-based supplement rates.

Monday to Friday from 19:00 to 06:00	+50%
Saturdays	+50%
Sundays / german holidays (legal and local)	+100%

HWH welding facility services

The following rates apply to our welding facility and welding test services:

Use of a HWH welding facility	Price	Unit
machine hour use of Harms & Wende welding facility, without provision of a technician	€ 126	per hour
Service and machine hour Use of Harms & Wende welding facility, with provision of a technician for operation and parameterisation	€ 219	per hour
Machine day 8 h, use of the Harms & Wende welding facility, without provision of a technician	€ 850	per day
Service and machine day Machine day. 1 day. 8 h, use of the HWH welding facility with provision of a technician for operation and parameterisation	€ 1470	per day
Consumables	Subject to expenditure	

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Harms & Wende International

Your global partner: established in Hamburg

