



IRT RAIL SYSTEMS BY HEDSON

Simple and space saving high quality curing rail system customized for workshops





WORKSHOP CUSTOMIZATION

Please contact your local retailer or IRT sales contact for assistance with customization for your workshop.

IRT RAIL SYSTEMS

Tailor-made for prep area and spray booth

Operational safety with integrated cables

The IRT Rail System can be equipped with any number of IRT dryers, all hanging on easy-glide, self-balanced cassette arms.

With the IRT Rail System you can quickly maneuver the dryer into the perfect curing position, reaching all parts of the vehicle, without obstructing loose cables. The IRT Rail System comes in a variety of shapes and sizes and is customizable to suit any type of workshop.

OPERATIONAL SAFETY

High quality with closed rails and integrated cable system extends lifetime and creates a maintenance free environment.

LOWBUILT TO SUIT WORKSHOPS

Long experience with rail system installation has resulted in this extremely lowbuilt construction.

FOR PREP AREA & SPRAY BOOTH

Our standard sidehung cross rail system fits most workshops. Customized solutions are also available to fit all prep areas and paint booths.



SIDEHUNG CROSS RAIL SYSTEM Standard.
(Max length cross rail 7 m (22'11"))

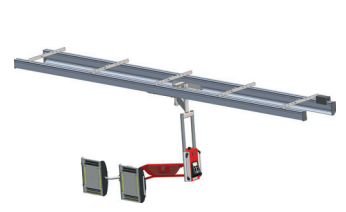
UNDERHUNG CROSS RAIL SYSTEM



WALL RAIL SYSTEM



RAIL SYSTEM





IRT RAIL DRYERS

Easy gliding and self-balancing dryers



SAFE AND CLEAN

As the electric power supply is integrated in the rails, there are no loose cables dragging along the floor disrupting work and stirring up dust.



IRT CONTROL SYSTEM

User-friendly advanced system, pre-programmed to monitor the curing process.



DUST & SURVEILLANCE SYSTEM

Optional, use in enclosed spray booth or combined spray and dry booth. Security control of unit and protection of the cassettes.



IRT 3-20

Adapted for prep station and spray booth

- Two cassettes - each cassette with 3 IR lamps
- Electronic distance sensor
- Computerized curing process

IRT 3-20 PCD

Part no.	Current	Output power	Fuse	Voltage	Frequency
800477	15 A	6 kW	16 A	200-230V, 3 PH, EU, JP	50-60 Hz
800463	9 A	6 kW	16 A	400V, 3 PH, EU	50-60 Hz

DIMENSIONS

Installation height	2250-3150 mm
Cassette vertical range (height)	140-2500 mm
Weight	60 kg
Curing area*	2,0 x 1,1 m

* Curing area at a distance of 60 cm, on black sheet metal



IRT 4-10

User friendly advanced technology

- One cassette with 4 IR lamps
- Controls the temperature with a pyrometer and laser circle
- Computerized monitoring of curing
- Electronic distance sensor



IRT 4-10 PCAUTO

Part no.	Current	Output power	Fuse	Voltage	Frequency
800489	9 A	6 kW	10 A	400V, 3 PH, EU	50-60 Hz
800525	15 A	6 kW	20 A	200-230V, 3 PH, NA ETL	50-60 Hz
800494	9 A	6 kW	15 A	440-480V, 3 PH, NA ETL	50-60 Hz

DIMENSIONS

Installation height	2250-3150 mm
Cassette vertical range (height)	140-2500 mm
Weight	50 kg
Curing area*	1,1 x 1,5 m

*)Curing area at a distance of 60 cm, on black sheet metal

IRT 4-20

User friendly advanced technology

- Two cassettes with 4 IR lamps
- Controls the temperature with a pyrometer and laser circle
- Computerized monitoring of curing
- Electronic distance sensor



IRT 4-20 PCAUTO

Part no.	Current	Output power	Fuse	Voltage	Frequency
800480	30 A	12 kW	32 A	200-230V, 3 PH, EU, JP	50-60 Hz
800498	30 A	12 kW	30 A	200-230V, 3 PH, NA ETL	50-60 Hz
800464	17 A	12 kW	20 A	400V, 3 PH, EU	50-60 Hz
800479	17 A	12 kW	20 A	440-480V, 3 PH, NA ETL	50-60 Hz

DIMENSIONS

Installation height	2250-3150 mm
Cassette vertical range (height)	140-2500 mm
Weight	60 kg
Curing area*	2,2 x 1,5 m

* Curing area at a distance of 60 cm, on black sheet metal



COMBINATION OF IR AND UV-A CURING

Our best in class IR and UV-A dryers in one

The IRT COMBI dryer is 2 in 1 – saving space in the workshop while allowing complete flexibility.

The combination of short-wave infrared and UV-A radiation makes this mobile dryer unique. One cassette includes 4 IR lamps and 1 UV-A lamp.

The UV-A lamps have an outstanding intensity to achieve the best curing result. The infrared lamps are mounted in gold coated reflectors, reflecting up to 97 % of the short-wave radiation.

The IRT COMBI features 12 IR and 3 UV-A pre-programmed programs for water and solvent based paint material, from putty to clear coat. Available as flexible mobiles and easy-gliding rail dryers.

- High-quality and durable curing
- Space saving curing solution
- Short-wave IR drying and UV-A curing

SAFE UV-A CURING

The ozone-free lamps and the protective glass filters out the UV-B and UV-C rays. If the glass breaks or is missing, the light has a safety switch preventing the lamp to ignite.

FLEXIBILITY AND EFFICIENCY

Space saving infrared and UV-A drying techniques which can be run individually and in sequence.

SAFETY FIRST

Always use UV safety glasses when handling UV-A light. We supply a pair with each delivered unit.



IRT 4-10 IR-UVA

Rail dryer with IR and UV-A radiation

- One cassette with 4 IR lamps and 1 UV-A lamp
- 12 IR- and 3 UV-A pre-programmed programs
- Unique combination of IR and UV-A curing



IRT COMBI 4-10 IR-UVA

Part no.	Power	Fuse	Current	Voltage	Frequency
800618	IR: 6 kW UVA: 1,2 kW	Max 100 A	IR: 9 A UVA: 3 A	380-420V, 3 Ph/ PE	50-60 Hz

DIMENSIONS

Installation height	2250-3150 mm
Cassette vertical range (height)	80-2240 mm
Weight	70 kg
Curing area	
- IR*	1,1 x 1,5 m
- UV-A**	1,0 x 1,0 m

* Curing area at a distance of 60 cm, on black sheet metal
** At a distance of 55 cm

IRT 4-20 IR-UVA

Rail dryer with IR and UV-A radiation

- Two cassettes, each cassette equipped with 4 IR lamps and 1 UV-A lamp
- 12 IR- and 3 UV-A pre-programmed programs
- Unique combination of IR and UV-A curing



IRT COMBI 4-20 IR-UVA

Part no.	Power	Fuse	Current	Voltage	Frequency
800619	IR: 12 kW UVA: 2,4 kW	Max 100 A	IR: 16 A UVA: 6 A	380-420V, 3 Ph/ PE	50-60 Hz

DIMENSIONS

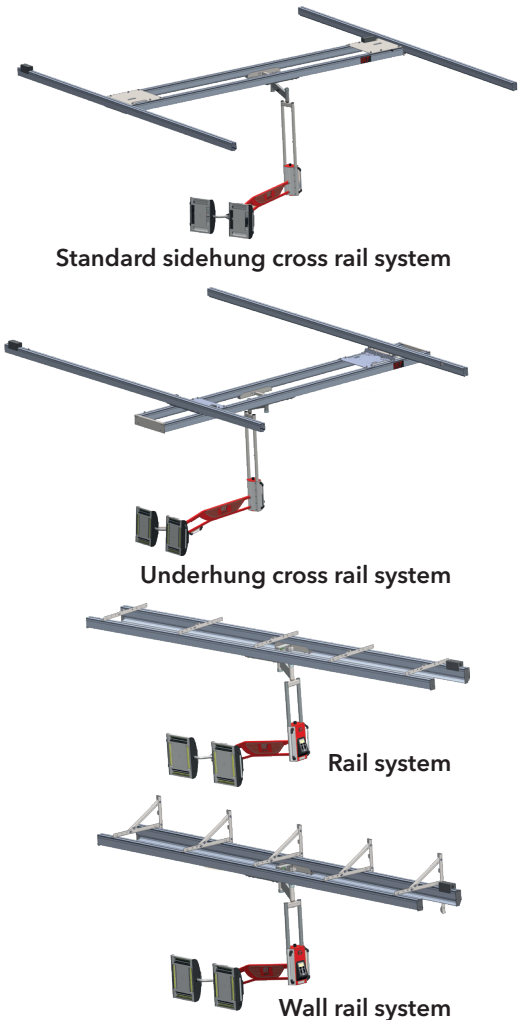
Installation height	2250-3150 mm
Cassette vertical range (height)	80-2240 mm
Weight	85 kg
Curing area	
- IR*	2,2 x 1,5 m
- UV-A**	1,8 x 1,0 m

* Curing area at a distance of 60 cm, on black sheet metal
** At a distance of 55 cm

EXCELLENT FIT IN LIMITED AREAS

Simple and space saving curing

- Adapted for the preparation area and the paint booth
- The cross rail system can be installed to the wall or ceiling
- Can be customized to suit all workshops
- Dryers suitable for the IRT Rail system are IRT 3-20, IRT 4-10 / 4-20 and IRT IR/UV COMBI 4-10 / 4-20



TECHNICAL DATA	
Side rail set	a) 1-28 m, 1 x 100 A b) 10-30 m, 2 x 100 A
Cross rail incl swing arm	a) 1-7 m 400 V 3 Ph b) 1-7 m 230 V 3 Ph
Cross rail kit	a) Standard sidehung b) Underhung
Wall rail set	a) 1-20 m 400 V 3 Ph b) 1-10 m 230 V 3 Ph
Vertical arm installation height (m)	a) 2,25-3,40 b) 2,25-3,15 c) 2,25-2,70
Rail Dryer	IRT 3-20 PcD: 400 V 3 Ph 6 kW IRT 3-20 PcD: 230 V 3 Ph 6 kW IRT 4-20 PcD: 400 V 3 Ph 12 kW IRT 4-20 PcD: 230 V 3 Ph 12 kW IRT IR/UV COMBI 4-20 400 V 3 Ph
Fuse	32 A: 230 V < 2 cassettes, 400 V < 4 cassettes 63 A: 230 V < 4 cassettes, 400 V < 8 cassettes 100 A: 230 V < 6 cassettes, 400 V < 12 cassettes

IRT RAIL SYSTEMS

Put together your IRT rail system

IRT CROSS RAIL SYSTEM	IRT RAIL SYSTEM WITHOUT CROSS RAIL
PLEASE SPECIFY BELOW TO ORDER	PLEASE SPECIFY BELOW TO ORDER
<ul style="list-style-type: none"> Side Rail Standard Sidehung or Underhung Kit Cross Rail Vertical Arm Rail Dryer (See previous pages for part.no.) Main Switch Dust cover (spray booth only) 	WALL OR CEILING MOUNTED <ul style="list-style-type: none"> Side Rail Suspension kit for wall or suspension Trolley cpl Vertical Arm Rail Dryer (See previous pages for part.no.) Main Switch Dust cover (spray booth only)

SIDE RAILS SET			
<i>Can be loaded with 100 A = 12 pcs of 400-480 V cassettes or 6 pcs of 230 V cassettes</i>		<i>Can be loaded with 200 A (2 x 100 A) = 24 pcs of 400-480V cassettes or 12 pcs of 230 V cassettes</i>	
Part.no.	Description	Part.no.	Description
711986	0-4 m, Rail bolt 8 pcs	712234	10-11 m
711987	4-5 m, Rail bolt 10 pcs	712268	11-12 m
711988	5-6 m, Rail bolt 10 pcs	712269	12-13 m
711989	6-7 m, Rail bolt 12 pcs	712270	13-14 m
711990	7-8 m, Rail bolt 14 pcs	712271	14-15 m
711991	8-9 m, Rail bolt 14 pcs	712272	15-16 m
711992	9-10 m, Rail bolt 16 pcs	712273	16-17 m
711993	10-11 m, Rail bolt 18 pcs	712274	17-18 m
711994	11-12 m, Rail bolt 18 pcs	712275	18-19 m
711995	12-13 m, Rail bolt 20 pcs	712276	19-20 m
711996	13-14 m, Rail bolt 22 pcs	712308	20 m and above
711997	14-15 m, Rail bolt 22 pcs		
711998	15-16 m, Rail bolt 24 pcs		
711999	16-17 m, Rail bolt 24 pcs		
712000	17-18 m, Rail bolt 26 pcs		
712001	18-19 m, Rail bolt 26 pcs		
712002	19-20 m, Rail bolt 28 pcs		
712079	20-22 m, Rail bolt 32 pcs		
712080	22-24 m, Rail bolt 34 pcs		
712081	24-26 m, Rail bolt 38 pcs		
712082	26-28 m, Rail bolt 40 pcs		
712083	28-30 m, Rail bolt 42 pcs		
714811	30-34 m, Rail bolt 46 pcs		

RAIL EXTENSION KIT	
Part.no.	Description
190057	0-4 m
190058	4-6 m
190059	6-7 m
190060	Splice kit

SUSPENSION KIT FOR INSTALLATION	
Part.no.	Description
714719	Wall system, 1pc Siderail Rail bolt / 2
714721	Rail system, 1pc Siderail Rail bolt / 2

DUST COVER AND SURVEILLANCE SYSTEM	
Part.no.	Description
800597	Dust cover and Surveillance System (only for spray booth), incl. 800154 400 V, 3 Ph (not ETL), 2 cassettes

DUST COVER	
Part.no.	Description
800664	Dust cover wall mounted (IRT 3-10 and 4-10)
800665	Dust cover wall mounted (IRT 3-20 and 4-20)

WALL BRACKETS FOR INSTALLATION A SIDE RAIL TO A WALL	
Part.no.	Description
800154	Wall brackets, 14 pcs
710222	Wall bracket, 1 pcs

SIDEHUNG / UNDERHUNG CROSS RAIL KIT	
Part.no.	Description
714586	Underhung cross rail kit
714587	Sidehung cross rail kit (Standard)

VERTICAL ARM (INSTALLATION HEIGHT)	
Part.no.	Description
713990	2,25 to 3,40 m
713910	2,25 to 3,15 m
713911	2,25 to 2,7 m

CROSS RAIL SET (INCL. SWING-ARM)	
400-480 V, 3 Ph	
Part.no.	Description
713934	0-4 m
713935	4-5 m
713936	5-6 m
713937	6-7 m
230 V, 3 Ph	
Part.no.	Description
713938	0-4 m
713939	4-5 m
713940	5-6 m
713941	6-7 m

MAIN SWITCHES	
Part.no.	Description
121512	32A 230V < 2 cassettes 400-480V < 4 cassettes
121806	63A 230V < 4 cassettes 400-480V < 8 cassettes
190146	100A 230V < 6 cassettes 400-480V < 12 cassettes

TROLLEY CPL	
Part.no.	Description
714724	Trolley for wall or ceiling mounted rail system (Quantity: 1/dryer)