



GANTRIES



Range of gantries with manual or motorized motion on floor for loads from 250 to 6,000 kg

VERLINDE

LIFTING EQUIPMENT

Ref : 11 2016 550 GB

www.verlinde.com

With the VERLINDE, any crew of mounting fitters or a craft mechanic can carry out all maintenance, removal, re-installation and locating operations on parts or assemblies. This range of standard gantries is designed to accommodate any hoist and can be equipped with either or a hand or electric chain hoist.

1000 kg



VERLINDE
LIFTING EQUIPMENT



Motorized workshop gantry

VGIM



I-profile

Option : hoist and travelling trolley

Main isolator in standard

Loads from 1,000 kg to 6,000 kg

Motorized floor motion under load

> Technical characteristics

- > Motorized VERLINDE gantry crane for indoor and outdoor use.
- > Use on a smooth and clean floor.
- > Welded construction.
- > 2 motorized non swivel polyurethane wheels.
- > 2 castor polyurethane wheels.
- > Electrical equipment with mobile pendant (low voltage 48V).
- > 2 travelling speeds 10 m/min and 20 m/min with inverter.
- > Swiveling of the gantry by inversion of the motors.
- > 2 swiveling speeds.
- > Reversing switch on the pendant.
- > 4 safety full stops.
- > Protection: 3 layers.
- > RAL 1028 yellow polyurethane finish.
- > Maximum hoisting speed = 16 m/min.
- > Maximum traveling speed = 10 m/min.

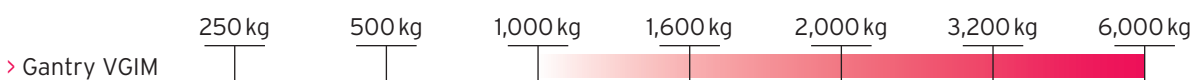
> Options

- > Remote control
- > Reel 18 m P < 2 kW.
- > Reel 18 m P < 7 kW.
- > Batteries for independent gantry.

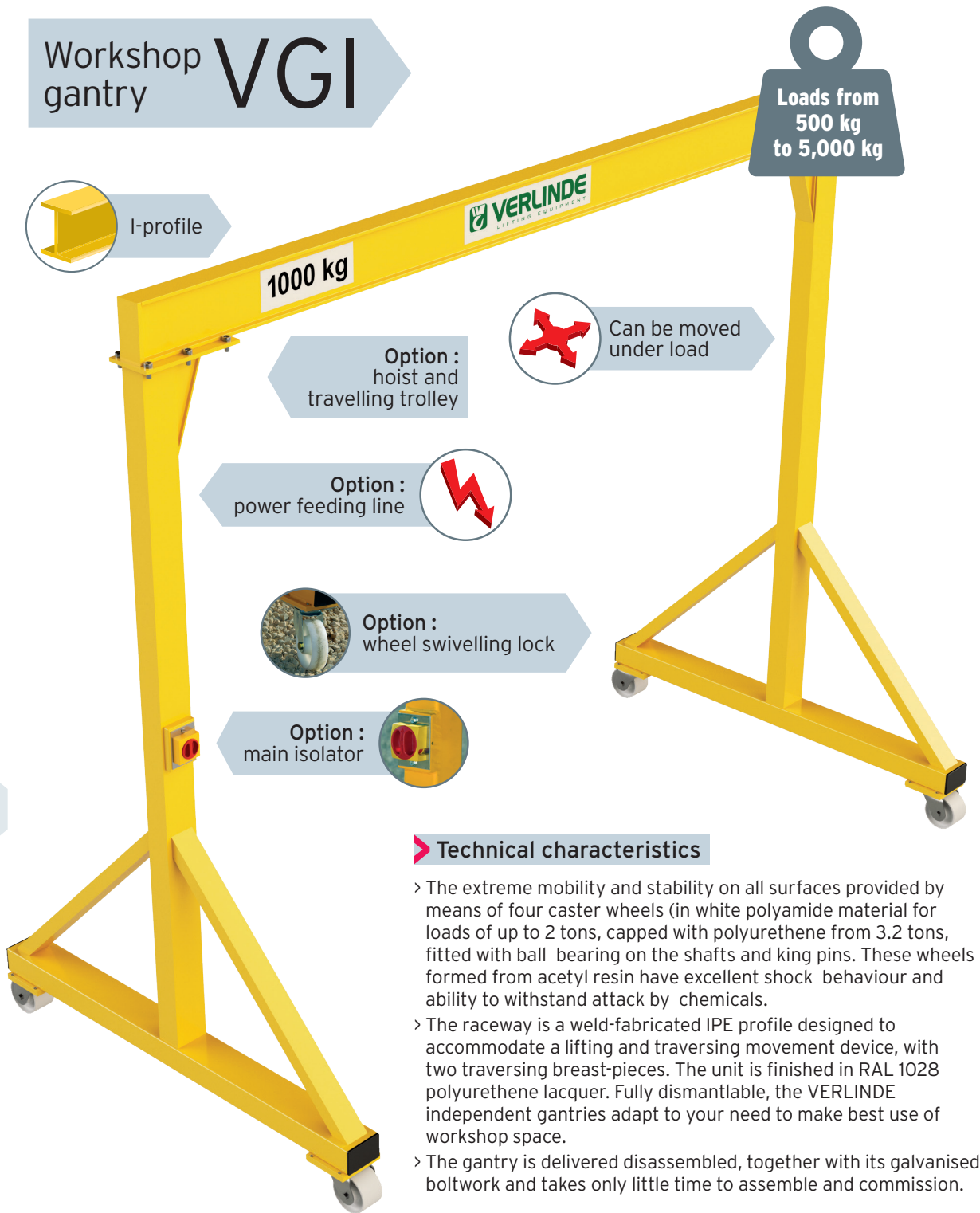


Gantries crane technical guide is available from our web site: VERLINDE.COM

> Load capacity



Workshop gantry VGI



► Technical characteristics

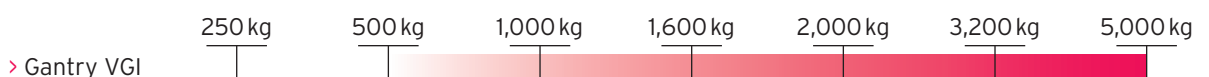
- > The extreme mobility and stability on all surfaces provided by means of four caster wheels (in white polyamide material for loads of up to 2 tons, capped with polyurethane from 3.2 tons, fitted with ball bearing on the shafts and king pins. These wheels formed from acetyl resin have excellent shock behaviour and ability to withstand attack by chemicals.
- > The raceway is a weld-fabricated IPE profile designed to accommodate a lifting and traversing movement device, with two traversing breast-pieces. The unit is finished in RAL 1028 polyurethane lacquer. Fully dismantlable, the VERLINDE independent gantries adapt to your need to make best use of workshop space.
- > The gantry is delivered disassembled, together with its galvanised boltwork and takes only little time to assemble and commission.

► Options

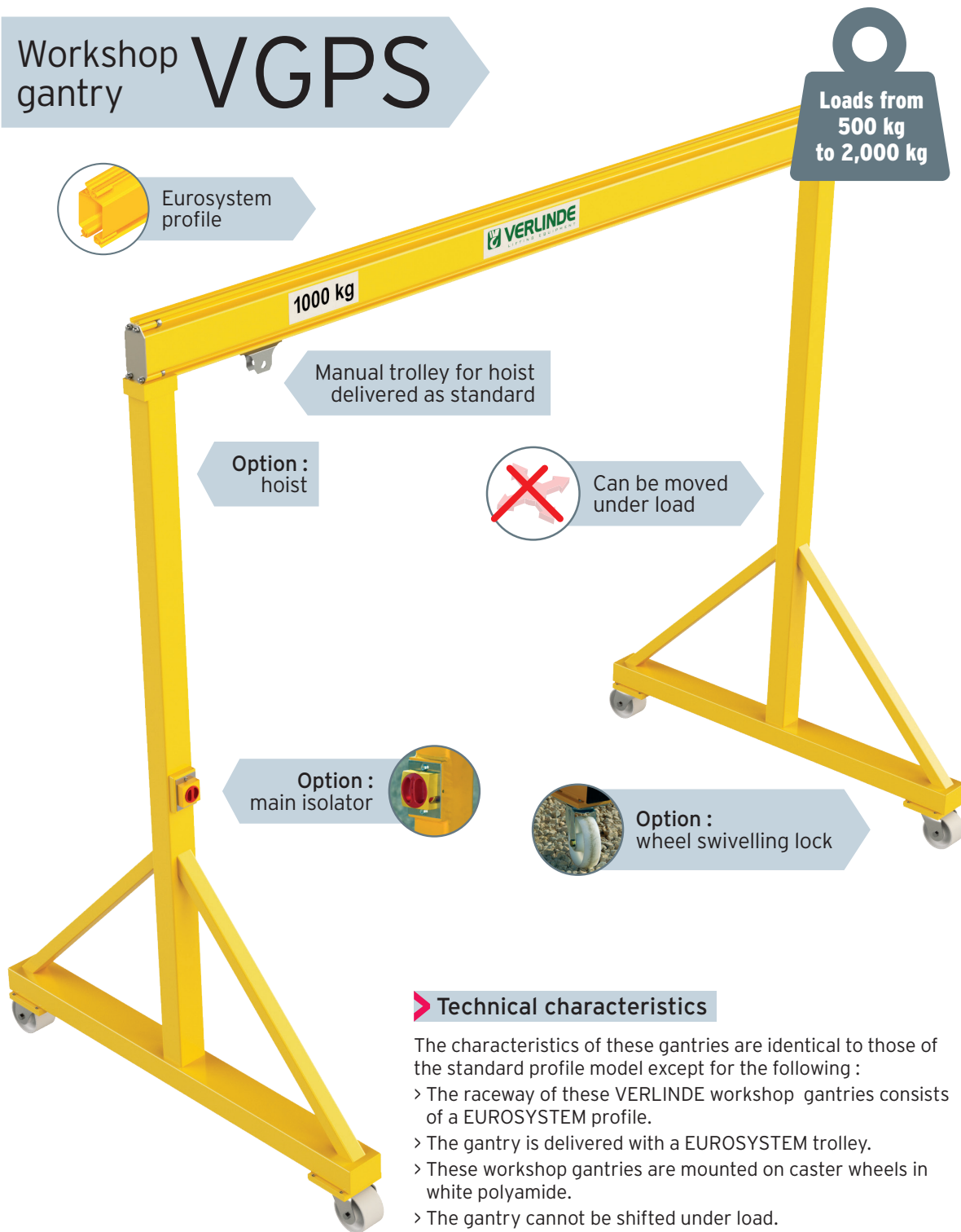
- > Main isolator.
- > Power feeding line.
- > Reel.
- > Polyurethan wheel (per wheel).
- > Rigging ring.
- > Wheel block (per wheel).
- > Polyurethan 4 layer painting RAL 1028 on epoxy primer.

- > Polyurethan 4 layer painting sepcial RAL on epoxy primer.
- > Indoor paint other color than RAL 1028.
- > Hot dip galvanizing.
- > Covering for hoist.
- > Cover for main isolator.

► Load capacity



Workshop gantry VGPS



Technical characteristics

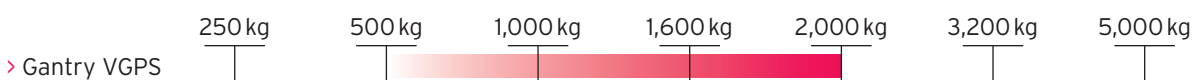
The characteristics of these gantries are identical to those of the standard profile model except for the following :

- > The raceway of these VERLINDE workshop gantries consists of a EUROSISTEM profile.
- > The gantry is delivered with a EUROSISTEM trolley.
- > These workshop gantries are mounted on caster wheels in white polyamide.
- > The gantry cannot be shifted under load.

Options

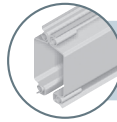
- > Main isolator.
- > Reel.
- > Polyurethan wheel (per wheel).
- > Wheel block (per wheel).
- > Indoor paint other color than RAL 1028.
- > Polyurethan 4 layer painting RAL 1028 on epoxy primer.
- > Polyurethan 4 layer painting sepcial RAL on epoxy primer.

Load capacity



Workshop gantry VGPA

Loads from
250 kg
to 2,000 kg



Eurosystem Alu profile

Option :
hoist

Manual trolley for hoist
delivered as standard

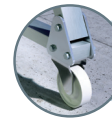
Option :
power feeding line
and main isolator



Adjustable
height

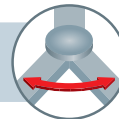


Can be moved
under load



Option : wheels in
white polyuretan

Foldable



Options

- > Main isolator.
- > Power feeding line.
- > Reel.
- > Polyurethan wheel (per wheel).
- > Wheel block (per wheel).

Load capacity



Technical characteristics

- > EUROSISTEM ALU profile used as travelling beam.
- > The gantry is delivered as standard with a hoist trolley for hollow section members.
- > 4 white polyamide wheels with 2 locking wheels as standard.
- > Can be moved under load.



Options available on the gantries

The VERLINDE range of standard gantries comes in three level of options for lifting and travelling of your loads :

Level 1 Hand powered lifting and travelling motion

Level 2 Electric powered lifting and powered travelling motion

Level 3 Electric powered lifting and travelling motion



CHD
Push trolley.
Capacity from 250 to 10,000 kg.

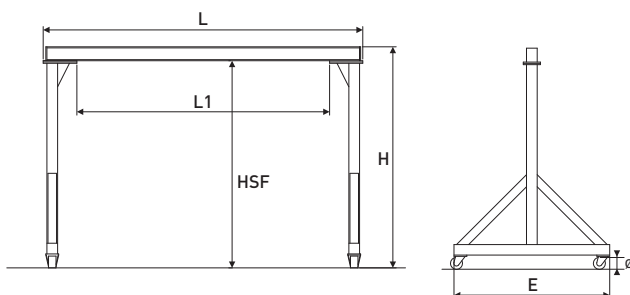


VHR
Hand chain block.
Capacity from 250 to 5,000 kg.



EUROCHAIN VR
Electric chain hoist.
Capacity from 63 to 10,000 kg.

Technical characteristics and dimensions



Load (kg)	Span (mm)	HSF* (mm)	HSF min. (mm)	H (mm)	H min. (mm)	L (mm)	L1 (mm)	E (mm)	Ø (mm)	Weight (kg)
Standard profile (VGIM)										
1000	3000	3000	-	3250	-	3220	2420	2720	200 - 160	-
1600	3000	3000	-	3270	-	3220	2420	2720	200 - 160	-
2000	3000	3000	-	3330	-	3250	2250	2720	200 - 154	-
3000	3000	3000	-	3430	-	3300	2300	2790	250 - 200	-
5000	3000	3000	-	3430	-	3350	4450	2875	300 - 250	-
6000	3000	3000	-	3430	-	3350	1950	2875	300 - 250	-
Standard profile (VGI)										
500	2500	3000	-	3180	-	2690	2090	1500	150	210
	5000	3000	-	-	-	5190	4590	-	-	260
1000	2500	3000	-	3200	-	2700	1900	1500	200	255
	5000	3000	-	-	-	5200	4400	-	-	335
1600	2500	3000	-	3200	-	2720	1720	2000	200	365
	5000	3000	-	-	-	5220	4220	-	-	470
2000	2500	3000	-	3220	-	2750	1750	2000	200	450
	5000	3000	-	-	-	5250	4250	-	-	575
3200	2500	3000	-	3300	-	2780	1780	2000	250	590
	5000	3000	-	-	-	5280	4280	-	-	700
5000	2500	3000	-	3360	-	2800	1800	2000	300	705
	5000	3000	-	-	-	5300	4300	-	-	860
Hollow profile EUROSYSTEM ST (VGPS)										
500	2000	2000	-	2220	-	2100	1390	1200	150	180
	5000	2000	-	2220	-	5100	4390	1200	150	237
1000	2000	2000	-	2220	-	2100	1390	1200	150	199
	5000	2000	-	2285	-	5100	4390	1200	150	306
1600	2000	2000	-	2220	-	2100	1140	1200	200	220
	5000	2000	-	2220	-	5100	4140	1200	200	327
2000	2000	2000	-	2285	-	2100	1140	1200	200	271
	4000	2000	-	2285	-	4100	3140	1200	200	329
Hollow aluminium profile EUROSYSTEM ALU (VGPA)**										
250	2000	3200	2150	3335	2235	-	900	1520	150	98
	6000	3200	2150	3335	2285	-	4900	1520	150	110
500	2000	3200	2150	3335	2285	-	900	1520	150	93
	6000	3200	2150	3415	2365	-	4900	1520	150	144
1000	2000	3200	2150	3415	2365	-	900	1520	150	106
	5000	3200	2150	3450	2400	-	4900	1520	150	172
1600	2000	3200	2150	3415	2365	-	900	1520	200	151
	5000	3200	2150	3450	2400	-	3900	1520	200	203
2000	2000	3200	2150	3415	2365	-	900	1520	200	146
	4000	3200	2150	3450	2400	-	2900	1520	200	183

*Other heights are available for hook clearances of 2 to 4.5 metres.

**Dimensions given for model H1.



VERLINDE is:

- The leading French manufacturer and exporter of lifting and handling equipment.
- A comprehensive range of 30 groups of lifting equipment from 60 to 250,000 kg.
- ISO 9001 Quality control certified and ISO 14001 Environmental Management Systems.

In France:

A sales network and after sales service points, EUROPONT travelling crane construction plants and a distributor network.

Abroad:

A customer service in more than 92 countries.



References

Metallurgy, Mechanics, Nuclear

ArcelorMittal, Unimetal, Stein, NFM, Framatome, Alstom

Chemicals, Petrochemicals industry

Sanofi Aventis, Total, Du Pont De Nemours

Aeronautical industry

Aérospatiale, Airbus, Snecma, Eurocopter, Air France, Aéroport de Paris, Dassault Aviation



Agri-food industry

Nestlé, Danone, Bel, Palamatic, Tetrapak, Lactalis

Automobile industry

Renault, Peugeot, Citroën, Scania, Ford, RVI, Volkswagen, Michelin, Massey Ferguson, Manitou, Toyota Industrial Equipment

Other sectors

EDF, SNCF, RATP, Spie, Degremont, Eiffage, Polysius, Baudin Chateaufort

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NEXT LEVEL
PARTNERSHIP

2, boulevard de l'Industrie | B.P. 20059 | 28509 Vernouillet cedex | France
Phone : **[33] 02 37 38 95 95** | Fax : **[33] 02 37 38 95 99** | Internet : www.verlinde.com

