

# Cit

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**VGI**



**VGPS**



**VGPA**



**VGIM**

**GRU A PORTALE MOBILE IN ACCIAIO E IN ALLUMINIO  
CON MOVIMENTAZIONE MANUALE O MOTORIZZATA**

# GRU A PORTALE CON MOVIMENTAZIONE MANUALE



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



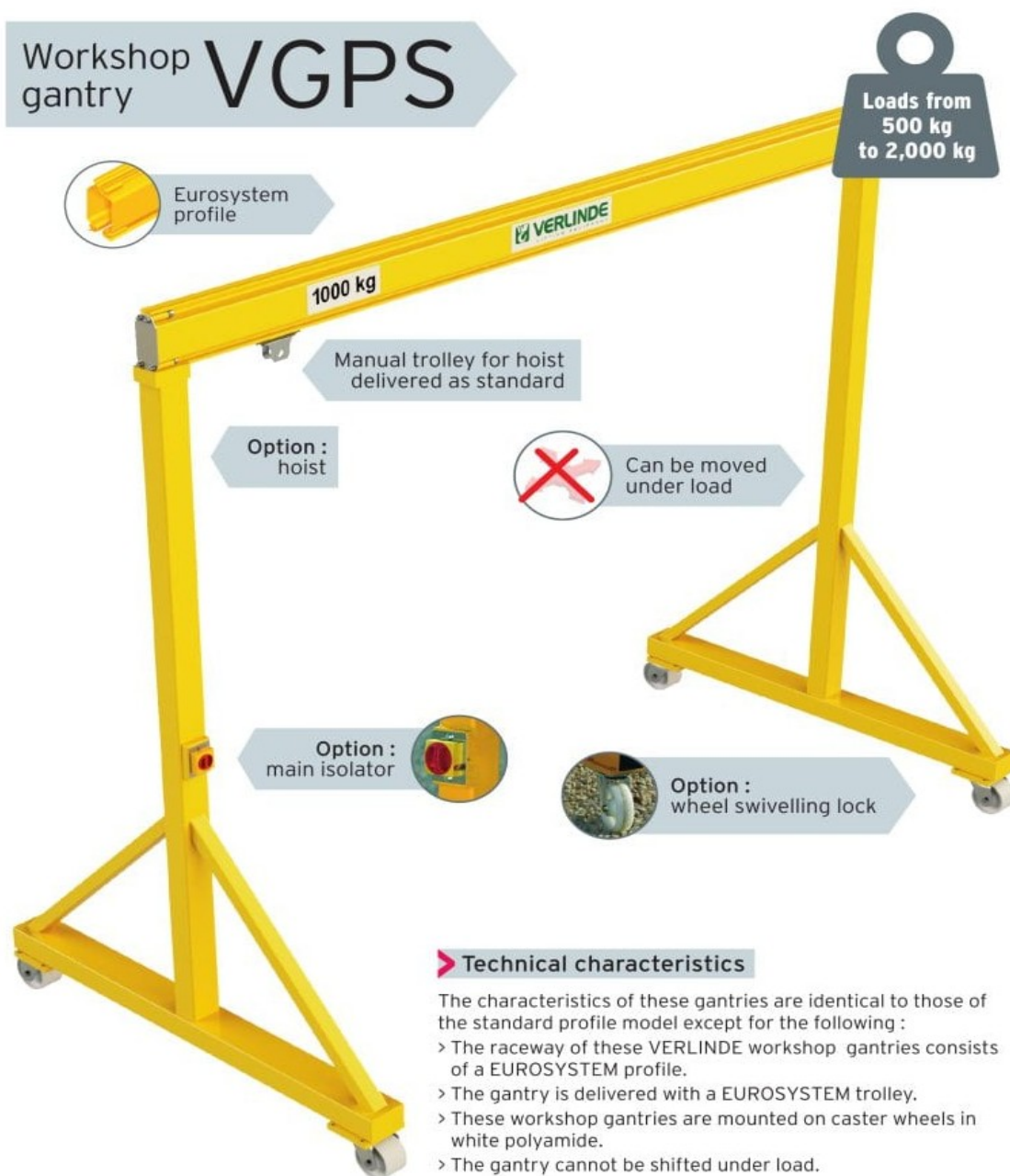
**GUIDA IN ACCIAIO PROFILATO**



# GRU A PORTALE CON MOVIMENTAZIONE MANUALE



## Workshop gantry **VGPS**



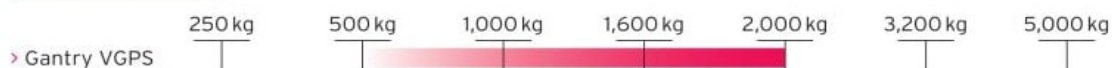
### > Technical characteristics

- 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.

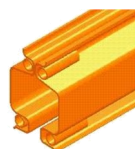
### > Options

- > 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



## GUIDA IN CANALINA DI ACCIAIO



# GRU A PORTALE CON MOVIMENTAZIONE MANUALE



## Workshop gantry **VGPA**



Eurosystem Alu profile

Loads from 250 kg to 2,000 kg

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

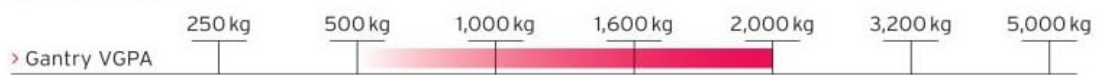
### > Options

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

### > 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.

### > Load capacity



## GUIDA IN ESTRUSO DI ALLUMINIO





Motorized workshop gantry

## VGIM



Loads from 1,000 kg to 6,300 kg

### ► 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.

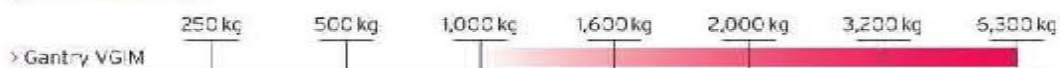
### ► Options

- 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](http://VERLINDE.COM)

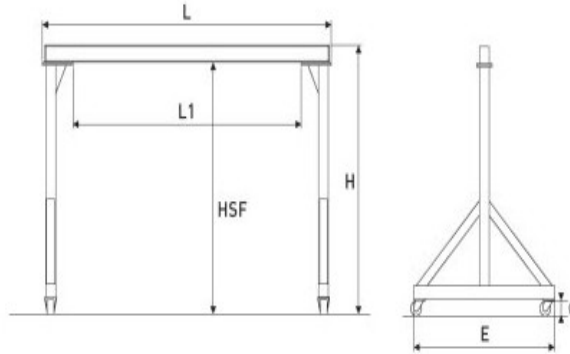
### ► Load capacity



# TABELLE TECNICHE GRU A PORTALE



## 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)
<b>Standard profile (VGIM)</b>										
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	-
<b>Standard profile (VGI)</b>										
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
<b>Hollow profile EUROSYSTEM ST (VGPS)</b>										
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
<b>Hollow aluminium profile EUROSYSTEM ALU (VGPA)**</b>										
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