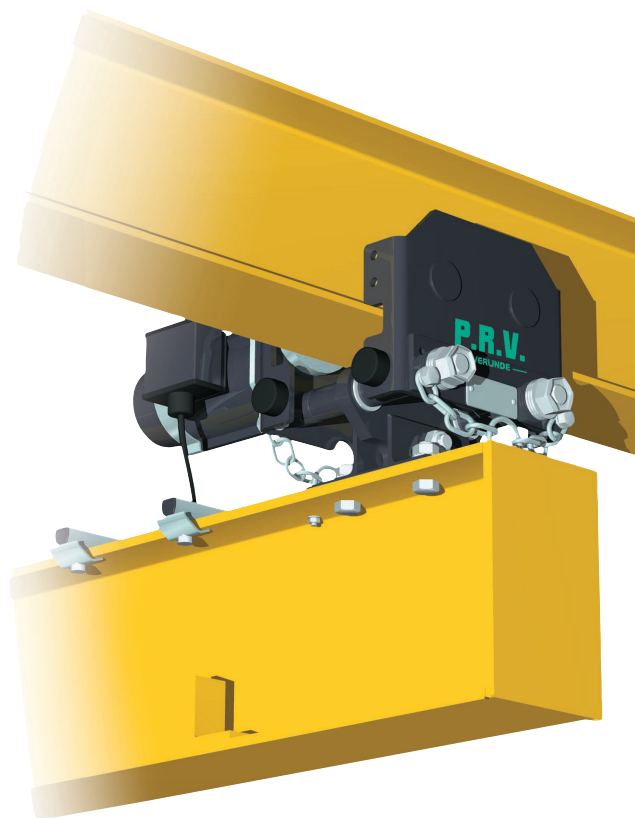
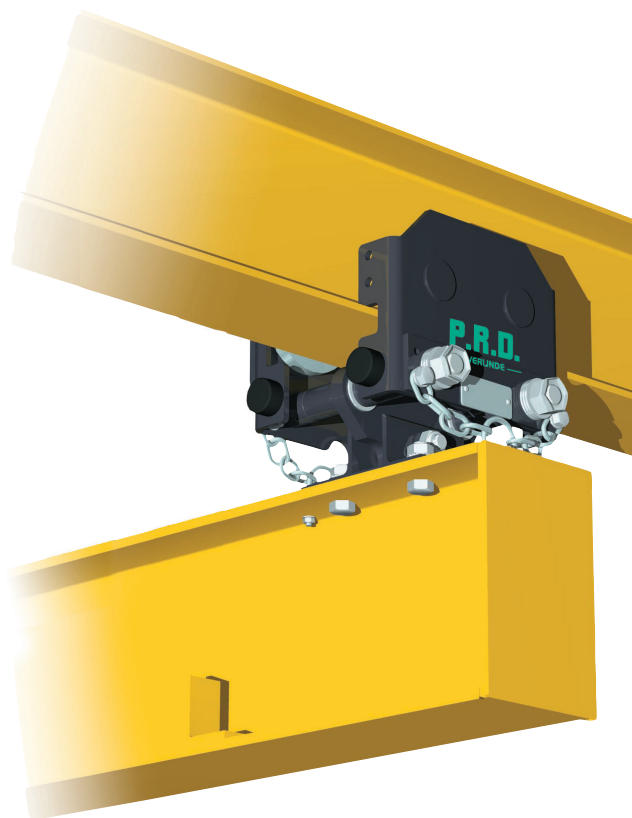




PRD-PRV



Trolleys for making articulated rolling beams, hand or electric-powered, for loads of 250 to 2,000 kg

 **VERLINDE**[®]
LIFTING EQUIPMENT

www.verlinde.com

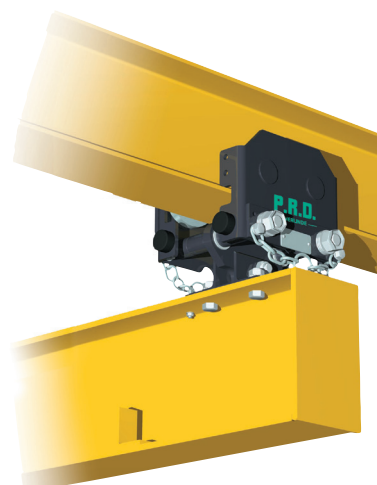
Ref : JV 09 2018 125 GB

PRD

Trolleys for making hand-powered articulated rolling beams for loads of 250 to 2,000 kg



Option :
VHR hand chain block and
CHD travelling trolley.



Span and load capacities

	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m
> 250 kg	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1
> 500 kg	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1
> 1 000 kg	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD2	PRD2
> 1 600 kg	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD2	PRD2	PRD2	PRD2	PRD2	PRD2
> 2 000 kg	PRD1	PRD1	PRD1	PRD1	PRD1	PRD1	PRD2	PRD2	PRD2	PRD2	PRD2	PRD2

PRD1 PRD2 PRD3

As optional extra : 2 safety chains

The purpose of this system is to restore the link between the trolleys and beam in the event of failure of the coupling linking the trolleys to the beam.

Technical characteristics

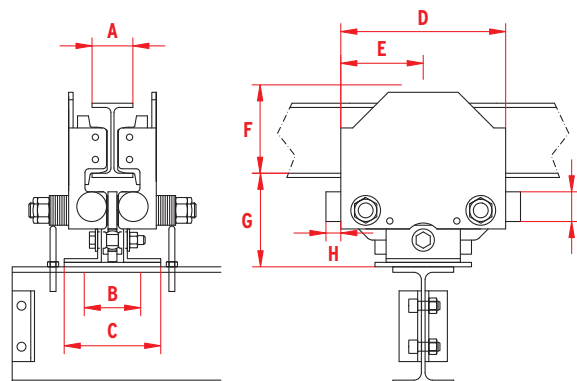
The ideal partner for this articulated rolling beam is a handpowered chain hoist.
The PRD trolley kit consists of :

- > A pair of trolleys each fitted with four steel rollers (mounted on ball bearings).
- > 4 anti-drop rollers (in compliance with legislation).
- > A coupling consisting of a strap piece in die-stamped steel and 2 articulations, one of which is mounted on a ball and socket joint.
- > The assembly boltwork.
- > Assembly documentation.

Overall dimensions

Type	A	B	C	D	E	F	G	H	I
PRD1	55-310	76	130	222	111	119	126	20	40
PRD2	64-310	112	170	280	140	118	179	20	40
PRD3	82-310	112	170	342	171	128	179	20	40

Dimensions in mm



PRV

Trolleys for making hand-powered articulated rolling beams for loads of 250 to 2,000 kg

Options :

Complete travelling movement electrical kit.
Electric chain hoist EUROCHAIN VR
and traveling trolley.

Span and load capacities

	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m
> 250 kg	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1
> 500 kg	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1
> 1 000 kg	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1
> 1 600 kg	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1
> 2 000 kg	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1	PRV1

PRV1 PRV2 PRV3

Technical characteristics

The ideal equipment for this articulated travelling beam is an electrically-powered chain hoist. The PRV trolley consists of the following :

- > The electrical equipment for a 380V to 460V/3ph/50Hz power supply.
- > A pair of electric trolleys capable of running at variable speed (5 to 20 m/mn), single speed (5 or 10 m/min) or two speeds (10/2.5 or 20/5 m/min), each equipped with 4 cast iron rollers (2 driving and 2 support rollers), mounted on ball bearings and adjustable, with gears cut and rims machined to run on all types of raceway.
- > Four anti-drop rollers (in compliance with legislation).
- > A coupling consisting of a strap piece in die-stamped steel and two articulations, one of which is mounted on a ball-and-socket joint.
- > Two safety chains.
- > The assembly bolts and fasteners.
- > Documentation for assembly and installation.

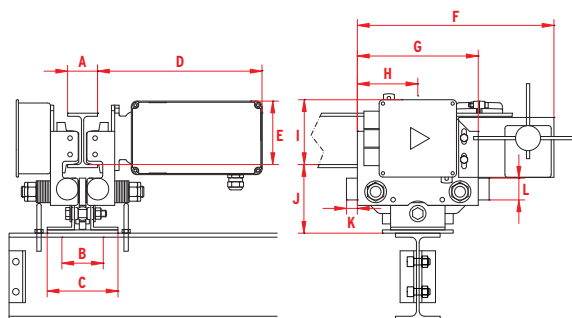
Overall dimensions

Type	A	B	C	D	E	F	G	H	I	J	K	L
PRV1	55-310	76	130	302	116	361	222	111	119	126	20	40
PRV2	64-310	112	170	340	126	420	280	140	118	179	20	40
PRV3	82-310	112	170	340	136	482	342	171	128	179	20	40

Dimensions in mm

Options

- > VHR hand chain block or EUROCHAIN VR electric chain hoist.
- > Travelling movement box.
- > Complete travelling movement electrical kit.
- > Travel limit switch.
- > Slow variable speed (3 to 10 m/min.).
- > Other voltages (230 to 575 V).
- > **Complete travelling movement electrical kit.**
Execution is possible only in the case of a complete electric hoist control system (very low voltage version) and PRV type electric-powered trolley. This kit contains : a set of pre-wired supply and control lines (accessories and boltwork), the line securing fasteners, control by a hung pendant push button box, an electrical cabinet.



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 Fergusson, Manitou,
Toyota Industrial Equipment

Other sectors
EDF, SNCF, RATP, Spie, Degremont,
Eiffage, Polysius, Baudin Chateauneuf

 **VERLINDE**[®]
LIFTING EQUIPMENT

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

