

## Geared Trolley Powertex PGT-S2



### Product information

**POWERTEX**



Powertex Geared Trolley PGT-S2 is a high quality, durable low built push trolley that is easy to install on horizontal beams and rails.

The trolleys can be used for I-beams with plane flanges (such as IPE, HEA or HEB types) or beams with sloping flanges (such as INP-beams).

The trolley can easily be positioned along the beam using the hand chain thanks to high quality steel wheels with bearings.

#### Features:

- Safe - All Powertex trolleys are proof load tested 1,5 x WLL
- Mechanical stops integrated in the design to prevent derailling
- Equipped with connection plate with eye to hoist's upper hook or direct connection
- Connection plate can be turned 90 degrees to allow direct connection to Powertex S2 hoists without need of intermediate hook/eye
- Rubber bumpers to absorb shock loads on impact to rail ending
- Equipped with RFID for quick registration and maintenance
- Marked with QR code to allow access to User manuals at any time
- PGT-S2 is easy to mount and dismount on a horizontal rail or beam
- The 3 piece design makes installation quick and ergonomically
- The shaft is easily locked using the Lock plate (No need to use large castle nut nor collar pins)
- Wheel shafts are robotic welded for high quality weld seams
- Large steel wheels equipped with double sided sealed bearings that do not need maintenance
- Powder painted side panels gives a nice lasting finish
- Fits most types of beam profiles and most brands of lifting blocks and electric hoists
- Longer shafts for wider beams can be supplied from stock in EU
- Can be turned into Blackline version BT by adding the included grey label over the shiny nameplate

**Option:**

- Black painted hand chain instead of galvanized hand chain

Blackline products are suitable to be used in theatres and entertainment industry.

**Note on entertainment & theatre applications:** Powertex Trolleys are designed and certified according to industrial lifting standards (EN 13157)

For any application where loads are suspended above people (e.g., theatre, stage, rigging), please ensure that the complete installation meets the safety requirements of EN 17206

**Marking:** According to standard, CE-marked, WLL, beam width, individual serial number

**Temperature range:** -10°C up to +50°C.

**Finish:** Black powder painted (Matt finish)

**Standard:** EN 13157

**Safety factor:** 4:1

Part code	WLL ton	Beam width mm	Model	Minimum radius mm	Hand chain length m	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	L mm	S mm	Weight kg
16.05PGTS2005	0.5	50-135	PGT-S2	800	3	205	198	150	55	30	1,5 – 2	28	8	111	239	27	8
16.05PGTS2005B	0.5	130-215	PGT-S2	800	3	205	278	150	55	30	1,5 – 2	28	8	111	319	27	8.8
16.05PGTS2005C	0.5	215-300	PGT-S2	800	3	205	363	150	55	30	1,5 – 2	28	8	111	404	27	9.6
16.05PGTS2010	1	55-140	PGT-S2	1,000	3	242	211	174	68	30	1,5 – 2	32	10	118	254	28	12.4
16.05PGTS2010B	1	140-215	PGT-S2	1,000	3	242	286	174	68	30	1,5 – 2	32	10	118	329	28	13.4
16.05PGTS2010C	1	215-300	PGT-S2	1,000	3	242	371	174	68	30	1,5 – 2	32	10	118	414	28	14.7
16.05PGTS2020	2	65-155	PGT-S2	1,100	3	270	238	194	80	49	1,5 – 2	40	12	147	277	27	18.1
16.05PGTS2020B	2	150-230	PGT-S2	1,100	3	270	313	194	80	49	1,5 – 2	40	12	147	352	27	19.3
16.05PGTS2020C	2	230-300	PGT-S2	1,100	3	270	383	194	80	49	1,5 – 2	40	12	147	422	27	20.5
16.05PGTS2030	3	90-160	PGT-S2	1,300	3	325	246	234	100	60	2 – 3	49	14	177	287	29	30.3
16.05PGTS2030B	3	160-230	PGT-S2	1,300	3	325	316	234	100	60	2 – 3	49	14	177	357	29	31.9
16.05PGTS2030C	3	230-300	PGT-S2	1,300	3	325	386	234	100	60	2 – 3	49	14	177	427	29	33.5
16.05PGTS2050	5	90-180	PGT-S2	1,500	3	370	280	267	110	79	2 – 3	59	16	219	320	29	46.5
16.05PGTS2050B	5	180-230	PGT-S2	1,500	3	370	330	267	110	79	2 – 3	59	16	219	370	29	48.2
16.05PGTS2050C	5	230-300	PGT-S2	1,500	3	370	400	267	110	79	2 – 3	59	16	219	440	29	50.6
16.05PGTS2100	10	124-305	PGT-S2	2,000	3	442	-	396	136	137	2 - 3.5	92	30	190	525	45	94

## Blueprint

