

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 derailing
- 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 BT products are suitable to be used in theatres and entertainment industry.

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 | Lifting height m | Beam width mm | Model | Minimum radius mm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | J mm | L mm | S mm | Weight kg | Delivery time |
|-----------------|---------|------------------|---------------|--------|-------------------|------|------|------|------|------|---------|------|------|------|------|------|-----------|---------------|
| 502600051350140 | 0.5 | 3 | 50-135 | PGT-S2 | 800 | 205 | 198 | 150 | 55 | 30 | 1,5 – 2 | 28 | 8 | 111 | 239 | 27 | 8 | 2 |
| 502600052150140 | 0.5 | 3 | 130-215 | PGT-S2 | 800 | 205 | 278 | 150 | 55 | 30 | 1,5 – 2 | 28 | 8 | 111 | 319 | 27 | 8.8 | - |
| 502600053000140 | 0.5 | 3 | 215-300 | PGT-S2 | 800 | 205 | 363 | 150 | 55 | 30 | 1,5 – 2 | 28 | 8 | 111 | 404 | 27 | 9.6 | - |
| 502600101400140 | 1 | 3 | 55-140 | PGT-S2 | 1,000 | 242 | 211 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 254 | 28 | 12.4 | - |
| 502600102150140 | 1 | 3 | 140-215 | PGT-S2 | 1,000 | 242 | 286 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 329 | 28 | 13.4 | - |
| 502600103000140 | 1 | 3 | 215-300 | PGT-S2 | 1,000 | 242 | 371 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 414 | 28 | 14.7 | - |
| 502600201550140 | 2 | 3 | 65-155 | PGT-S2 | 1,100 | 270 | 238 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 277 | 27 | 18.1 | - |
| 502600202300140 | 2 | 3 | 150-230 | PGT-S2 | 1,100 | 270 | 313 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 352 | 27 | 19.3 | - |
| 502600203000140 | 2 | 3 | 230-300 | PGT-S2 | 1,100 | 270 | 383 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 422 | 27 | 20.5 | - |
| 502600301600140 | 3 | 3 | 90-160 | PGT-S2 | 1,300 | 325 | 246 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 287 | 29 | 30.3 | - |
| 502600302300140 | 3 | 3 | 160-230 | PGT-S2 | 1,300 | 325 | 316 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 357 | 29 | 31.9 | - |
| 502600303000140 | 3 | 3 | 230-300 | PGT-S2 | 1,300 | 325 | 386 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 427 | 29 | 33.5 | - |
| 502600501800140 | 5 | 3 | 90-180 | PGT-S2 | 1,500 | 370 | 280 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 320 | 29 | 46.5 | - |
| 502600502300140 | 5 | 3 | 180-230 | PGT-S2 | 1,500 | 370 | 330 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 370 | 29 | 48.2 | - |
| 502600503000140 | 5 | 3 | 230-300 | PGT-S2 | 1,500 | 370 | 400 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 440 | 29 | 50.6 | - |

Blueprint

