Lifting Solutions Group
Axel Johnson International

# Push Trolley Powertex PPT-S2

**Product information**



Powertex PPT-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 by pushing or pulling 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
- PPT-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 tha... *Read more*

**Marking:** According to standard, CE-mark, WLL, beam width, individual serial number
**Temperature range:** -10°C up to +50°C.
**Finish:** Black powder painted (Matt finish)
**Standard:** EN 13157, AS 1418.2

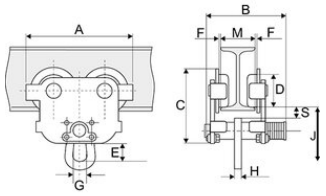
**Safety factor:** 4:1

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## Blueprint




## Technical data

| Part code | WLL ton | 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 | S mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 502500031520210 | 0.25 | 50-152 | PPT-S2 | 800 | 188 | 208 | 137 | 50 | 29 | 1 – 1,5 | 28 | 6 | 104 | 27 | 4.6 |
| 502500051350210 | 0.5 | 50-135 | PPT-S2 | 800 | 205 | 198 | 150 | 55 | 30 | 1,5 – 2 | 28 | 8 | 111 | 27 | 6.8 |
| 502500052150210 | 0.5 | 130-215 | PPT-S2 | 800 | 205 | 278 | 150 | 55 | 30 | 1,5 - 2 | 28 | 8 | 111 | 27 | 7.6 |
| 502500053000210 | 0.5 | 215-300 | PPT-S2 | 800 | 205 | 363 | 150 | 55 | 30 | 1,5 – 2 | 28 | 8 | 111 | 27 | 8.4 |
| 502500101400210 | 1 | 55-140 | PPT-S2 | 1,000 | 242 | 211 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 28 | 11.2 |
| 502500102150210 | 1 | 140-215 | PPT-S2 | 1,000 | 242 | 286 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 28 | 12.2 |
| 502500103000210 | 1 | 215-300 | PPT-S2 | 1,000 | 242 | 371 | 174 | 68 | 30 | 1,5 – 2 | 32 | 10 | 118 | 28 | 13.5 |
| 502500201550210 | 2 | 65-155 | PPT-S2 | 1,100 | 270 | 238 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 27 | 16.9 |
| 502500202300210 | 2 | 150-230 | PPT-S2 | 1,100 | 270 | 313 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 27 | 18.1 |
| 502500203000210 | 2 | 230-300 | PPT-S2 | 1,100 | 270 | 383 | 194 | 80 | 49 | 1,5 – 2 | 40 | 12 | 147 | 27 | 19.3 |
| 502500301600210 | 3 | 90-160 | PPT-S2 | 1,300 | 325 | 246 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 29 | 28.6 |
| 502500302300210 | 3 | 160-230 | PPT-S2 | 1,300 | 325 | 316 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 29 | 30.2 |
| 502500303000210 | 3 | 230-300 | PPT-S2 | 1,300 | 325 | 386 | 234 | 100 | 60 | 2 – 3 | 49 | 14 | 177 | 29 | 31.8 |
| 502500501800210 | 5 | 90-180 | PPT-S2 | 1,500 | 370 | 280 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 29 | 44.8 |
| 502500502300210 | 5 | 180-230 | PPT-S2 | 1,500 | 370 | 330 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 29 | 46.5 |
| 502500503000210 | 5 | 230-300 | PPT-S2 | 1,500 | 370 | 330 | 267 | 110 | 79 | 2 – 3 | 59 | 16 | 219 | 29 | 48.9 |

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