

TEX Series electronic pedestrian stacker in V2A stainless steel

Technical data in line with VDI 2198

as at: 05/2011

| | | | | | |
|------------------|--|--|---|---------------------|---------------------|
| Identification | 1.1 | Manufacturer (abbreviation) | | Icem | Icem |
| | 1.2 | Manufacturer's type designation | | TEX 15/320 | TEX 12/470 |
| | 1.3 | Drive | | electric | electric |
| | 1.4 | Type of operation | | pedestrian | pedestrian |
| | 1.5 | Load capacity/rated load | Q (t) | 1.5 | 1.2 |
| | 1.6 | Load centre distance | c (mm) | 600 | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x (mm) | 693 | 693 |
| | 1.9 | Wheelbase | y (mm) | 1248 | 1333 |
| | Weights | 2.1 | Service weight incl. battery (see line 6.5) | kg | 1020 |
| 2.2 | | Axle loading, laden front/rear | kg | 772/1748 | 1044/1486 |
| 2.3 | | Axle loading, unladen front/rear | kg | 660/360 | 960/370 |
| Wheels, Chassis | 3.1 | Tyres | | PU | PU |
| | 3.2 | Tyre size, front | mm | ø 250 | ø 250 |
| | 3.3 | Tyre size, rear | mm | ø 85 | ø 85 |
| | 3.4 | Additional wheels (dimensions) | mm | ø 150 | ø 150 |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | | 1x +1 / 2 | 1x +1 / 2 |
| | 3.6 | Track width, front | b ₁₀ (mm) | 536 | 536 |
| | 3.7 | Track width, rear | b ₁₁ (mm) | 410 | 410 |
| Basic dimensions | 4.2 | Closed mast height | h ₁ (mm) | 2100 | 2100 |
| | 4.3 | Free lift | h ₂ (mm) | 80 | - |
| | 4.4 | Lift height | h ₃ (mm) | 3110 | 4610 |
| | 4.5 | Height, mast extended | h ₄ (mm) | 3634 | 5174 |
| | 4.9 | Height of tiller in drive position min./max. | h ₁₄ (mm) | 735/1320 | 735/1320 |
| | 4.15 | Lowered height | h ₁₃ (mm) | 90 | 90 |
| | 4.19 | Overall length | l ₁ (mm) | 1915 | 2000 |
| | 4.20 | Length to face of forks | l ₂ (mm) | 765 | 850 |
| | 4.21 | Overall width | b ₁ (mm) | 870 | 870 |
| | 4.22 | Fork dimensions | s/e/l (mm) | 70/200/1150 | 70/200/1150 |
| | 4.25 | Width over forks | b ₅ (mm) | 580 | 580 |
| | 4.32 | Ground clearance, centre of wheelbase | m ₂ (mm) | 30 | 30 |
| | 4.33 | Aisle width for pallets 1000x1200 crossways | Ast (mm) | 2200 ⁽¹⁾ | 2285 ⁽¹⁾ |
| 4.34 | Aisle width for pallets 800x1200 crossways | Ast (mm) | 2200 ⁽²⁾ | 2285 ⁽²⁾ | |
| 4.35 | Turning radius | Wa (mm) | 1493 | 1578 | |
| Perform. data | 5.1 | Travel speed, laden/unladen | km/h | 4.5/6.0 | 4.5/6.0 |
| | 5.2 | Lift speed, laden/unladen | m/s | 0.10/0.15 | 0.10/0.18 |
| | 5.3 | Lowering speed, laden/unladen | m/s | 0.30/0.18 | 0.38/0.32 |
| | 5.8 | Max. gradient performance, laden/unladen | % | 10/14 | 10/12 |
| | 5.10 | Service brake | | electronic | electronic |
| Electric eng. | 6.1 | Drive motor rating S ₂ 60min | kW | 1 | 1 |
| | 6.2 | Lift motor rating at S ₃ 10% | kW | 2.5 | 2.5 |
| | 6.4 | Battery voltage, nominal capacity K ₅ | V/Ah | 24/240 | 24/240 |
| | 6.5 | Battery weight | kg | 210 | 210 |
| | 8.1 | Type of drive control | | AC | AC |
| | 8.4 | Sound level at driver's ear according to EN 12 053 | dB (A) | 70 | 70 |

(1) diagonal to VDI: +205 mm

(2) diagonal to VDI: +139 mm

