Technical sheet:

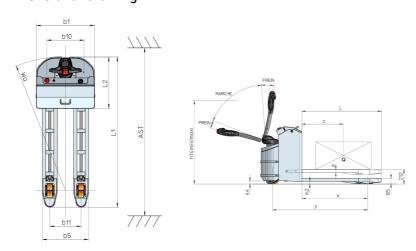
## EP 20 INOX PREMIUM





Technical characteristics  Manufacturer  Model Name Power source  Operator type  Max. capacity C C C Load center of gravity C C Load distance, centre of drive axle to fork  Wheelbase  Weight  Service weight  Weight (Unladen) / rear axle (laden)  Wheels  Tires type Dimensions of front wheels Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels  Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels  Forth cheel gauge Bill Dimensions  Fork height in low position  Overall length Length of face of forks  Overall width   bil Coreall width   core of wheelbase  A siste width for 800 x 1200 pallet lengthways  A st Tuming radius  Wasslift	Metric Manitou EP 20 Inox Premium Electrical Pedestrian 2000 kg 600 mm 954 mm 1379 mm  482 kg 1077 kg / 1405 kg 337 kg / 145 kg
Model Name   Power source	EP 20 Inox Premium Electrical Pedestrian 2000 kg 600 mm 954 mm 1379 mm  482 kg
Power source	Electrical Pedestrian 2000 kg 600 mm 954 mm 1379 mm 482 kg 1077 kg / 1405 kg
A Operator type  5 Max. capacity C C  6 Load center of gravity C C  8 Load distance, centre of drive axle to fork X  9 Wheelbase Y  Weight Service weight  Weight on front axle (laden) / rear axle (laden)  Wheels  Tires type Dimensions of front wheels Dimensions of front wheels  Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels Front wheel gauge Dimensions  Fork height in low position Dimensions  Fork height in low position  Overall length Decrease of forks Display the fore of fore of forks Display the fore of	Pedestrian 2000 kg 600 mm 954 mm 1379 mm 482 kg 1077 kg / 1405 kg
Max. capacity	2000 kg 600 mm 954 mm 1379 mm 482 kg 1077 kg / 1405 kg
Load center of gravity   C	600 mm 954 mm 1379 mm 482 kg 1077 kg / 1405 kg
Load center of gravity   C	600 mm 954 mm 1379 mm 482 kg 1077 kg / 1405 kg
Load distance, centre of drive axle to fork  Wheelbase  Weight Service weight Weight on front axle (laden) / rear axle (laden)  Wheels  Tires type Dimensions of front wheels Additional wheels (dimensions) Number of drive wheels / front wheels Front wheel gauge Dimensions  Fork height in low position  Dimensions  Fork height in low position  Length to face of forks Diverall width Diverall width / length Coverall width / length Coverall width / length Coverall width for 800 x 1200 pallet lengthways Addition additional was lift was lift was lift and was lift width  Additional was lift was lift was lift on the was lift of was	954 mm 1379 mm 482 kg 1077 kg / 1405 kg
Weight Service weight Weight or front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (Unladen) Wheels I Tires type Dimensions of front wheels Jimensions of rear wheels Additional wheels (dimensions) Learn wheel gauge Bill bill bill bill bill bill bill bill	1379 mm 482 kg 1077 kg / 1405 kg
Weight Service weight Weight on front axle (laden) / rear axle (laden) Wheels  Tires type Dimensions of front wheels Additional wheels (dimensions) Number of drive wheels / front wheels / rear wheels Front wheel gauge The Kear wheel gauge  To Weal length  Dimensions  15 Fork height in low position  Dimensions  16 Length to face of forks Doverall length Forks section / width / length Fork spread  Ground clearance at centre of wheelbase  A Aisle width for 800 x 1200 pallet lengthways A Mast lift  Meight on front axle (laden) Weight on front axle (Unladen)  Weight on front axle (laden)  Weight on front axle (laden) Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (laden)  Weight on front axle (Unladen)  Weight on fort axle (Unlade	482 kg 1077 kg / 1405 kg
Service weight  Weight on front axle (laden) / rear axle (laden)  Wheels  Tires type  Dimensions of front wheels  Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels  Front wheel gauge  Front wheel gauge  Dimensions  Lear wheel gauge  bill  Dimensions  Service weight  Weight on front axle (laden) / rear axle (laden)  Wheels  It is a subject to the	1077 kg / 1405 kg
Weight on front axle (laden) / rear axle (laden)  Wheels  Tires type  Dimensions of front wheels  Additional wheels / front wheels / rear wheels  Front wheel gauge  Tork wheel gauge  Tork height in low position  Overall length  Length to face of forks  Coverall width  Forks section / width / length  Fork spread  Ground clearance at centre of wheelbase  A sise width for 800 x 1200 pallet lengthways  A tuning radius  Meels (Unladen)  Wheels  Unladen)  Wheels  Lingth to face width (Inden)  Wheels  Longth to face of forks  Big Ground clearance at centre of wheelbase  Mast lift  Wa  Mast lift	1077 kg / 1405 kg
Weight on front axle (Unladen) / rear axle (Unladen)  Wheels  Tires type  Dimensions of front wheels  A Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels  Front wheel gauge  b10  Rear wheel gauge  b11  Dimensions  Fork height in low position  Overall length  Length to face of forks  12  Overall width  Forks section / width / length  5 Fork spread  Ground clearance at centre of wheelbase  A Aisle width for 800 x 1200 pallet lengthways  A St  Tuming radius  Wa  Mast lift	
Wheels  1 Tires type  2 Dimensions of front wheels  3 Dimensions of rear wheels  4 Additional wheels (dimensions)  5 Number of drive wheels / front wheels / rear wheels  6 Front wheel gauge b10  7 Rear wheel gauge b11  Dimensions  15 Fork height in low position h13  19 Overall length I1  Length to face of forks I2  21 Overall width b1  Forks section / width / length s / e / I  25 Fork spread b5  Ground clearance at centre of wheelbase m2  34 Aisle width for 800 x 1200 pallet lengthways Ast  Tuming radius Wa  Mast lift h3	
Tires type  Dimensions of front wheels  Additional wheels (dimensions)  Number of drive wheels / front wheels  Front wheel gauge  Dimensions  Fork height in low position  Overall length  Length to face of forks  10  Verall width  Forks section / width / length  Fork spread  Ground clearance at centre of wheelbase  A isle width for 800 x 1200 pallet lengthways  Tuming radius  Dimensions  Initiation  Tires type  Additional wheels  Jumensions  Jumen	337 kg / 143 kg
Dimensions of front wheels Dimensions of rear wheels Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels Front wheel gauge Bill Dimensions Fork height in low position Poverall length Length to face of forks Il Coverall width Forks section / width / length Fork spread Ground clearance at centre of wheelbase Aisle width for 800 x 1200 pallet lengthways At Mast lift Dimensions  Dimensions  In D	Bandage
.3       Dimensions of rear wheels         .4       Additional wheels (dimensions)         .5.2       Number of drive wheels / front wheels         .6       Front wheel gauge         .7       Rear wheel gauge         bt1         Dimensions         15       Fork height in low position         19       Overall length         20       Length to face of forks         21       Overall width         22       Forks section / width / length         25       Fork spread         32       Ground clearance at centre of wheelbase         34       Aisle width for 800 x 1200 pallet lengthways         35       Tuming radius         4       Mast lift	230 x 70
Additional wheels (dimensions)  Number of drive wheels / front wheels / rear wheels  Front wheel gauge bt10  Dimensions  Fork height in low position ht13  Overall length I1  Length to face of forks I2  Overall width bt1  Forks section / width / length s / e / I  Fork spread bt5  Ground clearance at centre of wheelbase m2  A isle width for 800 x 1200 pallet lengthways Ast Tuming radius Wa  Mast lift ht10  Additional wheels (dimensions)  Length wheels / front wheels / rear wheels  b10  b11  Dimensions  I12  Overall length  b1 b1  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e / I  s / e	82 x 68
5.2       Number of drive wheels / front wheels / rear wheels         6.6       Front wheel gauge       b10         7.7       Rear wheel gauge       b11         Dimensions         15       Fork height in low position       h13         19       Overall length       I1         20       Length to face of forks       I2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         4       Mast lift       h3	100 x 40
66       Front wheel gauge       b10         Rear wheel gauge       b11         Dimensions         15       Fork height in low position       h13         19       Overall length       I1         20       Length to face of forks       I2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         4       Mast lift       h3	100 x 40 1x + 2 / 4
Rear wheel gauge       b11         Dimensions         15       Fork height in low position       h13         19       Overall length       l1         20       Length to face of forks       l2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Turning radius       Wa         4       Mast lift       h3	
Dimensions           15         Fork height in low position         h13           19         Overall length         l1           20         Length to face of forks         l2           21         Overall width         b1           22         Forks section / width / length         s / e / l           25         Fork spread         b5           32         Ground clearance at centre of wheelbase         m2           34         Aisle width for 800 x 1200 pallet lengthways         Ast           35         Tuming radius         Wa           4         Mast lift         h3	435 mm
15       Fork height in low position       h13         19       Overall length       l1         20       Length to face of forks       l2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         4       Mast lift       h3	365 mm
19       Overall length       I1         20       Length to face of forks       I2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         4       Mast lift       h3	
20       Length to Tace of forks       I2         21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         .4       Mast lift       h3	85 mm
21       Overall width       b1         22       Forks section / width / length       s / e / l         25       Fork spread       b5         32       Ground clearance at centre of wheelbase       m2         34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         .4       Mast lift       h3	1750 mm
Forks section / width / length s / e / l Fork spread b5 Ground clearance at centre of wheelbase m2 A isle width for 800 x 1200 pallet lengthways Ast Tuming radius Wa A Mast lift h3	599 mm
25         Fork spread         b5           32         Ground clearance at centre of wheelbase         m2           34         Aisle width for 800 x 1200 pallet lengthways         Ast           35         Turning radius         Wa           .4         Mast lift         h3	680 mm
32         Ground clearance at centre of wheelbase         m2           34         Aisle width for 800 x 1200 pallet lengthways         Ast           35         Turning radius         Wa           .4         Mast lift         h3	45 mm x 175 mm x 1150 mm
34       Aisle width for 800 x 1200 pallet lengthways       Ast         35       Tuming radius       Wa         .4       Mast lift       h3	540 mm
Tuming radius Wa A Mast lift h3	40 mm
.4 Mast lift h3	2005 mm
	1560 mm
	125 mm
.9 Height tiller min. h14	870 mm
.9 Height tiller max. h14	1330 mm
Performances	
.1 Travel speed (laden / unladen)	5 km/h / 5 km/h
.2 Lifting speed (laden / unladen)	0.02 m/s / 0.03 m/s
.3 Lowering speed (laden / unladen)	0.04 m/s / 0.02 m/s
.7 Gradeability (laden / unladen)	10 % / 25 %
10 Service brake	Electro magnetic
11 Parking brake	Handle Release
Engine	
.1 Drive motor rating S2 60 min	1.20 kW
.2 Lift motor rating at S3 15%	1 kW
.3 Battery according to DIN 43531/35/36 A, B, C	DIN 43535-B
.4 Battery voltage / capacity	24 V / 180 Ah
.5 Battery weight (+/- 5%)	180 kg
Miscellaneous	100 kg
.1 Type of drive control	AC
.4 Measured/quaranteed mean noise level at the ear of the operator	< 75 dB

## EP 20 Inox Premium - Dimensional drawing







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