Technical sheet :



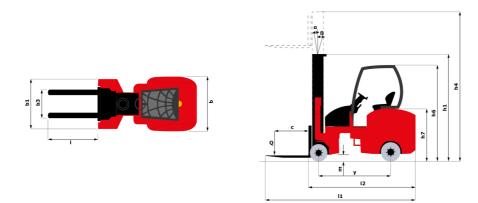




ManufacturerModel NamePower sourceOperator typeMax. capacityLoad center of gravityLoad distance, center of drive axle to forkWheelbaseWeightService weightWeight on front axle (laden) / rear axle (luladen)Weight on front axle (luladen) / rear axle (luladen)WheelbaseInters typeDimensions of front wheelsDimensions of front wheelsDimensions of front wheelsPower of drive wheelsFront wheel gaugeRear wheel gaugeDimensions of fortsPower of drive wheelsFront wheel gaugeDimensions of fortsOverall lengthLength to face of forksOverall widthFork carriage ISO 2228 (class/form) A/BFok carriage ISO 2228 (class/form) A/BFok carriage widthGround clearance below mastGround			_
Model NamePower sourceOperator typeMax. capacityLoad center of gravityLoad distance, center of drive axle to forkWheelbaseWeightService weightWeight on front axle (laden) / rear axle (laden)Weight on front wheelsDimensions of front wheelsNumber of front wheelsNumber of front wheelsNumber of drive wheelsRear wheel gaugeBears wheel gaugeDimensionsHeight of overhead guand (cabin)Seat height/stand heightOverall eightLength to face of forksOverall widthFork carriage S02328 (class/form) A/BFork carriage S02328 (class/form) A/BFork carriage WidthGround clearance below mastGround clearanc		Technical characteristics	
Power source Operator type Max. capacity Lad center of gravity Lad distance, centre of drive axle to fork Wheelbase Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Winder Grave Arbeels Number of front wheels Dimensions of front wheels Pront wheel gauge Dimensions Vereal wide Rear wheel gauge Diversity widh Coversit widh Length to face of forks Oversit widh Coversit widh Fork carriage NOT 2202 (class/form) A/B Fork carriage widh Ground clearance at centre of wheelbas			
Operator type Max. capacity Load center of gravity Load distance, center of drive axle to fork Wheelbase Velght Service weight Weight on front axle (laden) / rear axle (laden) Weight on front axle (unladen) / rear axle (unladen) Wheelb Tires type Dimensions of front wheels Dimensions of front wheels Number of frive wheels Number of frive wheels Front wheel gauge Rear wheel gauge Dimensions Print type (later in the type) Overall length Length to face of forks Overall length Length to face of forks Overall ge SO 2228 (class/form) A/B Fork carriage width Ground clearance at centre of wheelbase A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways A isle width for pallets 1000 x 1200 crossways<			
Max. capacity Load center of grivity Load distance, cente of drive axle to fork Whelbase Weight on front axle (Unladen) / rear axle (Iaden) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Unmber of drive wheels Dimensions of front wheels Number of front wheels / rear wheels Number of drive wheels Fort or or wheel gauge Dimensions Rear wheel gauge Dimensions Verall length Overall width Fort section / width / length Fort carriage ISO 2282 (class/form) A/B Fort carriage ISO 2282 (class/form) A/B Fort carriage ISO 2282 (class/form) A/B Travel sp			
Load center of gravity Load distance, centre of drive axle to fork Wheelbase Weight on front axle (laden) / rear axle (laden) Weight on front axle (laden) / rear axle (laden) Wieght on front wheels Dimensions of frar wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Dimensions Height of overheed gauge (cabin) Seat height/stand height Overall length Length to face of forks Overall width Frok section / width / length Frok carriage ISO 2328 (class/form) A/B Frok carriage ISO 2328 (class/form) A/B From cont centre of wheelbase Aisle width for pallets 1000 x 1200 crossways Aisle wid			
Load distance, centre of drive axle to fork Wheelbase Valpht Service weight Weight on front axle (laden) / rear axle (laden) Wheelba Tires type Dimensions of front wheels Dimensions of front wheels Number of frint wheels / rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Verall length Length to dowethead guard (cabin) Seat height/stand height Overall width Fork carriage lSO 2228 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at cente of wheelbase Aisle Width for pollets 1000 x 1200 crossways Aisle Width for pollets 1000 x 1200 cr		Max. capacity	
Weelbase Weight Service weight Weight on front axle (laden) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tires type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Prote wheel gauge Dimensions Front wheel gauge Dimensions Height of overhead guard (cabin) Seat height/Stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage kild Fork carriage kild Ground clearance below mast Ground clearance below mast Aisle width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performance Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (lader / unladen) Service brake Forgine Drive motor rating 4S3 15%		Load center of gravity	
Weight Service weight Weight on front axie (laden) / rear axie (laden) Weight on front axie (luniaden) / rear axie (luniaden) Wheels Tites type Dimensions of fran wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of front wheels / rear wheels Prior wheel gauge Bear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length for ace of forks Overall width Fork carriage width Korund clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below to x1000 x 1200 crossways Aisle Width for 200 x 1200 crossways Aisle Width for 200 x 1200 crossways Aisle Width for 200 x 1200 pallet lengthways Performances Tavel speed (laden / unladen) Lifting speed (laden / unladen) Grideability (laden / unladen) Grideability (laden / unladen) Grideability (laden / unladen) <t< td=""><td></td><td>Load distance, centre of drive axle to fork</td><td></td></t<>		Load distance, centre of drive axle to fork	
Service weight Weight on front xale (laden) / rear axle (laden) Weight on front xale (Unladen) / rear axle (Unladen) Wheids Tires type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of front wheels / rear wheels Primensions Primensions Primensions Primensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below mast Stale width for spales 1000 x 1200 crossways Aisle Width for spales 1000 x 1200 crossways Aisle Width for spales 1000 x 1200 crossways Aisle Width for spales 1000 x 1200 crossways Diver motor rating S2 60 min Lift motor rating S2 50 min Battery woltage / capacity		Wheelbase	
Weight on front axle (laden) / rear axle (Unladen) Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tires type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Pressions Pressions Height of overhead guard (cabin) Seat height/Stand height Overall length Length to face of forks Overall length Fork carriage ISO 2328 (class/form) A/B Fork carriage ISO 2328 (class/form) A/B Fork carriage is Udth / length Fork carriage width Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performance Travel speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating 32 50 min Lift motor rating 32 50 min Lift motor rating 32 50 min Lift motor rating 32 51% Battery weight (4/- 5%) Miscellanecous </td <td></td> <td>Weight</td> <td></td>		Weight	
Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tires type Dimensions of front wheels Dimensions of rear wheels Number of font wheels / rear wheels Number of drive wheels Front wheel gauge Dimensions Braw wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage NO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Erryte speed (laden / unladen) Lift motor rating s2 60 min		Service weight	
Wheels Tires type Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating \$260 min Lift motor rating \$260 min Battery woltage / capacity Batte		Weight on front axle (laden) / rear axle (laden)	
Tires type Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle Width for pallets 1000 x 1200 crossways Aisle Width for and y and (laden / unladen) Lifting speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating st 315% Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oill flow rate for attachments Diil Morate for attachments		Weight on front axle (Unladen) / rear axle (Unladen)	
Dimensions of front wheels Dimensions of rear wheels Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Bear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage ISO 2328 (c		Wheels	
Dimensions of rear wheels Number of firve wheels / rear wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for sollet Stoot x 1200 crossways Aisle width for sollet I out x 1200 crossways Aisle width for sollet I out x 1200 crossways Aisle width for sollet I nuladen) Lifting speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating \$2.60 min Lift motor rating \$2.60 min Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous Miscellaneous M		Tires type	
Number of front wheels / rear wheels Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 guallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating 32 50 min Lift motor rating 32 50 min Lift motor rating 32 50 min Lift motor rating 31 5% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachme		Dimensions of front wheels	
Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guad (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage lSO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating 32 50 min Lift motor rating 32 50 min Miscellaneous Miscellaneous Miscellaneous Miscellaneous Type of drive control Working hydraulic pressure for attachments		Dimensions of rear wheels	
Number of drive wheels Front wheel gauge Rear wheel gauge Dimensions Height of overhead guad (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage lSO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating 32 50 min Lift motor rating 32 50 min Miscellaneous Miscellaneous Miscellaneous Miscellaneous Type of drive control Working hydraulic pressure for attachments		Number of front wheels / rear wheels	
Front wheel gauge Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator	2		
Rear wheel gauge Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Fork section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle width for pallets 1000 x 1200 crossways Aisle width for s00 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating \$2 60 min Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Oil flow rate for attachments			
Dimensions Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage Width Ground clearance below mast Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating S2 60 min Miscellaneous Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Oil flow rate for attachments			
Height of overhead guard (cabin) Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Ground clearance at centre of wheelbase Ground clearance at centre of wheelbase Aisle width for s00 x 1200 crossways Service brace Engine Drive motor rating s2 60 min			
Seat height/stand height Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Overall length Length to face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating \$2 50 min Lift motor rating \$2 50 min Lift motor rating \$2 50 min Lift motor rating \$2 60 min Lift motor rating \$2 50 min Drive motor rating \$2 50 min Lift motor rating to DIN 43531/35/36 A, B, C Battery according to DIN 43531/35/36 A, B, C Battery weight (+/- 5%) Miscellaneo			
Length to Face of forks Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery wight (+/. 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Overall width Forks section / width / length Fork carriage ISO 2328 (class/form) A/B Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Forks section / width / lengthFork carriage ISO 2328 (class/form) A/BFork carriage widthGround clearance below mastGround clearance at centre of wheelbaseAisle Width for pallets 1000 x 1200 crosswaysAisle width for 800 x 1200 pallet lengthwaysPerformancesTravel speed (laden / unladen)Lifting speed (laden / unladen)Gradeability (laden / unladen)Gradeability (laden / unladen)Service brakeEngineDrive motor rating S2 60 minLift motor rating at S3 15%Battery vaccording to DIN 43531/35/36 A, B, CBattery wight (+/- 5%)MiscellaneousType of drive controlWorking hydraulic pressure for attachmentsOil flow rate for attachmentsMeasured/guaranteed mean noise level at the ear of the operator		, ,	
Fork carriage ISO 2328 (class/form) A/BFork carriage widthGround clearance below mastGround clearance at centre of wheelbaseAisle Width for pallets 1000 x 1200 crosswaysAisle width for 800 x 1200 pallet lengthwaysPerformancesTravel speed (laden / unladen)Lifting speed (laden / unladen)Gradeability (laden / unladen)Gradeability (laden / unladen)Service brakeEngineDrive motor rating \$2 60 minLift motor rating at \$3 15%Battery according to DIN 43531/35/36 A, B, CBattery voltage / capacityBattery weight (+/- 5%)MiscellaneousType of drive controlWorking hydraulic pressure for attachmentsOil flow rate for attachmentsMeasured/guaranteed mean noise level at the ear of the operator	2		
Fork carriage width Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Mill fow rate for attachments		-	
Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Cowering speed (laden / unladen) Gradeability (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator		-	
Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Aisle width for 800 x 1200 pallet lengthways Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator	2		
Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Travel speed (laden / unladen) Lifting speed (laden / unladen) Gradeability (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Lifting speed (laden / unladen) Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Lowering speed (laden / unladen) Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator		-	
Battery weight (+/- 5%) Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Miscellaneous Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Type of drive control Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Working hydraulic pressure for attachments Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator			
Oil flow rate for attachments Measured/guaranteed mean noise level at the ear of the operator		Type of drive control	
Measured/guaranteed mean noise level at the ear of the operator		Working hydraulic pressure for attachments	
		Oil flow rate for attachments	
Sound level at the driver's ear according to DIN 12 053		Measured/guaranteed mean noise level at the ear of the operator	
		Sound level at the driver's ear according to DIN 12 053	

EMA II 17	Created on June 17, 2025 at 4:28 PM UTC
	Metric
	Manitou
	EMA II 17
	Electrical
	Seated
Q	1700 kg
С	500 mm
х	278 mm
у	1745 mm
	6000 kg
	4250 kg / 3250 kg
	2000 kg / 4000 kg
	Solid tires
	412 x 152
	457 x 152
	2/2
140	2
b10	960 mm
b11	1080 mm
h6	2260 mm
h7	1200 mm
11	3710 mm
12	2560 mm
b1	1080 mm
s/e/l	40 mm x 100 mm x 1150 mm
	2
b3	
m1	50 mm
m2	130 mm
Ast	1800 mm
Ast	2000 mm
	9 km/h-9.50 km/h
	0.35 m/s-0.45 m/s
	0.40 m/s-0.36 m/s
	8 % / 10.50 %
	Hydraulic
	10 kW
	9 kW
	DIN 43595
	48 V / 620 Ah
	1030 kg
	Mosfet AC speed controller
	200 bar
	25 l/min
	< 73 dB
	73 dB

EMA II 17 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 39	FLT 42	FLT 46	FLT 48	FLT 50	FLT 52	FLT 56	FLT 60	FLT 66	FLT 72	FLT 76
α - Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1	1	1	1	1	1
β - Mast/fork carriage tilt, backward	۰	3	3	3	3	3	3	3	3	3	3	3
h1 - Mast lowered height	mm	2210	2300	2440	2500	2570	2640	2750	2900	3150	3400	3590
h2 - Mast free lift	mm	1390	1480	1620	1680	1750	1820	1930	2080	23300	2580	2770
h3 - Mast lifting height	mm	3930	4200	4620	4800	5010	5220	5550	6000	6600	7200	7620
h4 - Mast extended height	mm	4760	5030	5450	5630	5840	6050	6380	6830	7430	8030	8450
Residual capacity with integrated side shift at max heigth	kg	1250	1300	1300	1200	1200	1200	1200	1100	950	900	900



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes