Technical sheet :





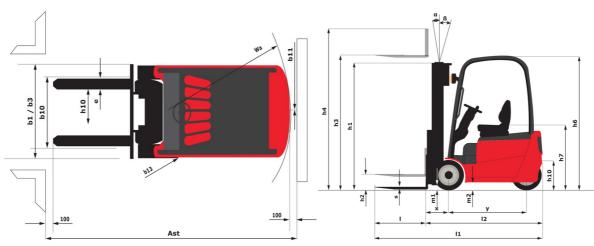


1.1    Model Nume      1.2    Model Nume      1.3    Dever souce      1.4    Opentor type      1.5    Max. capacity    0      1.6    Load destance, centre of gravity    c      1.8    Load destance, centre of drive axie to fork    x      1.9    Wheelbase    y      2.1    Sevice weight    x      2.2.1    Weight on fort axie (locen) / rear axie (locen)    x      2.3    Weight on fort axie (locen) / rear axie (locen)    x      2.3    Weight on fort axie (locen) / rear axie (locen)    x      3.4    Dimensions of fort wheels    x      3.5    Number of fort wheels    x      3.5    Number of drive wheels    x      3.6    Fortw wheel gauge    b10      3.7    Rear wheel gauge    b10      4.7    Height of order wheels    k      3.8    Seat height Stand, height    h7      4.12    Height of order wheels    k      4.23    Cocental width / length    b10      4.24    Fock caranage SD 2328 (clas./ n/ n/ A/B    k		Technical showstofation	
12    Model Same      13    Power source      14    Operator type      15    Max. capacity      16    Load deter of gravity      17    Used center of gravity      18    Load distance, center of drive axle to fork.      19    Winechase      21    Service weight      22    Weight on front axle (Unladen)      23    Weight on front axle (Unladen)      Weight on front axle (Unladen)    ////////////////////////////////////	11	Technical characteristics	
13    Power source      14.4    Operator type      15    Max. copacity    Q      16    Load cetter of gravity    C      18    Load distance, cetter of dirive axie (loaden)    x      19    Wheelbase    y      2.1    Service weight    y      2.3    Weight on front axie (laden) / tear axie (lunden)    y      10    Wheelbase    y      2.3    Weight on front axie (laden) / tear axie (lunden)    y      11    Tites type    y      2.3    Weight on front axie (laden) / tear axie (lunden)    y      12.3    Weight on front axie (laden) / tear axie (lunden)    y      13.1    Tites type    y    y      3.2    Dimensions of fear wheels    y    y      3.3    Number of font wheels / rear wheels    y    y      3.4    Front wheel gauge    b10    b11      0    Operatile aging act (axing mode)    h10    h11      4.12    Height of oweing act (axing mode)    h10    h11      4.2    Fook caring as (b2 act (axing mode)    b11    h11 <td></td> <td></td> <td></td>			
1.4  Operator type    1.5  Max. capacity  c    1.6  Load center of grexty  c    1.8  Load distance, center of dire axie to fork  x    1.9  Wheelbase  y    2.1  Service weight  x    2.3  Weight on front axie (luiden) / rear axie (luiden)  x    2.3  Weight on front axie (luiden) / rear axie (luiden)  x    3.4  Tites type  x    3.5  Number of fort wheels  x    3.5  Number of fort wheels  x    3.5.2  Number of fort wheels  x    3.5.7  Rear wheel gauge  b10    3.6  Fort wheel gauge  b11    4.7  Height of cowhead guard (cobin)  h6    4.8  Scat height/Stance  b11    4.9  Gorand clearance being  b11    4.10  Oweall width  h7    4.12  Height of cowhead guard (cobin)  h10    4.13  Gorand clearance being width  b11    4.20  Length for scall (cabin)  h10    4.21  Height of cowhead guard (cobin)  b11    4.22  Fork sertion yidth / length  b11    4.23  Gorand clearance being wath  b11			
1.5  Max. capacity  Q    1.6  Load center of gavity  c    1.8  Load distance, center of drive axte to fork  x    1.9  Wheebase  y    2.1  Senice weight  x    2.2  Weight on front axte (laden) / rear axte (lunder)  x    2.3  Weight on front axte (lunder) / rear axte (lunder)  x    3.1  Time type  x    3.2  Dimensions of fort wheels  x    3.3  Dimensions of fort wheels  x    3.5  Number of fortwoheels / rear axte details  x    3.5.2  Number of fortwoheels / rear axte details  x    3.6  Fort wheels  x    3.7  Rear wheel gauge  b10    3.7  Rear wheel gauge  b11    0  Orenal length  11    4.2  Height of twing bar (cabin)  h6    4.8  Sea th eight/stand height  h10    4.19  Overall length  11    4.20  Length to face of forks  12    2.1  Owerall length  11    4.22  Fork asridge with  h26    4.23  Fork carridge with  h26    4.24  Fork carridge with  h27			
1.6  Load distance, centre of dire axle to fork  x    1.9  Wieght  x    2.1  Service weight  y    2.2  Weight on front axle (laden) / rear axle (laden)  y    2.3  Weight on front axle (laden) / rear axle (laden)  y    3.3  Times type  y    3.4  Times type  y    3.5  Number of front wheels  y    3.5.2  Number of front wheels  y    3.5.2  Number of front wheels  y    3.5.2  Number of wheels  y    3.6  Front wheel gauge  b10    3.7  Bear wheel gauge  b11    9  Dimensions of front wheels  y    3.6  Front wheel gauge  b10    3.7  Bear wheel gauge  b10    3.8  Sea theigh/tstand height  h7    4.12  Height of towing bar (coubin)  h6    4.2  Fork carrings ISO 2222 (class/form) A/B  s/e/e/l    4.2.1  Overall length  s/e/e/l    4.2.2  Fork carrings exit on xast  m1    4.2.3  Fork carrings exit on xast  m1    4.2.4  Fork carrings exit on xast  m1    4.2.2  Fork carrings exit on xast			0
1.8    Load distance, centre of drive axte to fork    x      1.9    Wheelbase    y      2.1    Service weight    y      2.2    Weight on front axte (Unladen) / rear axte (Unladen)    y      2.3    Weight on front axte (Unladen) / rear axte (Unladen)    y      3.3    Times type    y      3.3    Dimensions of front wheels    y      3.4    Number of fork wheels    y      3.5    Number of fork wheels    y      3.6    Front wheel gauge    b10      3.7    Rear wheel gauge    b11      1.8    Sea theight/stand height    h6      4.7    Height of towing bar (coupling height)    h10      4.12    Height of towing bar (coupling height)    h10      4.22    Fork section / width / length    t1      4.23    Fork carriage S0 2228 (class/form) A/8    t2      4.24    Fork carriage S0 2228 (class/form) A/8    t2      4.25    Fork carriage s00 2228 (class/form) A/8    t3      4.34    Aisle width for 500 x 1200 conswaps    Ast      4.35    Imming adius (over tyres)    b13   <			
1.3  Weelbace  y    2.1  Service weight			
Wight    2.1      Service weight			
2.1    Service weight      2.2    Weight on front axle (laden) / rear axle (lunaden)      2.3    Weight on front axle (lunaden) / rear axle (lunaden)      Whesis    Immestions of fort wheels      3.1    Tires type      3.2    Dimensions of frart wheels      3.3    Dimensions of frart wheels      3.5    Number of from wheels / rear wheels      3.6    Front wheel gauge      3.7    Rear wheel gauge      4.7    Height of overhead gaud (cabin)      4.8    Seath eight/stand height      4.12    Height of towing bar (coupling height)      4.12    Fork camiage ISO 2238 (class form) A/B      4.23    Fork camiage ISO 2238 (class form) A/B      4.24    Fork camiage ISO 2238 (class form) A/B      4.31    Ground clearance at centre of wheelbase      4.32    Ground clearance at centre of wheelbase      4.33    Asise with fore 300 x 1200 crossways      4.34	1.9		у
2.2    Weight on front axle (laden) / rear axle (laden)      2.3    Weight on front axle (laden) / rear axle (luftaden)      3.1    Tires type      3.2    Dimensions of front wheels      3.3    Dimensions of front wheels      3.5    Number of front wheels / rear wheels      3.5.2    Number of front wheels / rear wheels      3.6    Front wheel gauge      0    Dimensions      4.7    Height of overhead guard (cabin)      4.8    Seat height/stand height      0.11    Dimensions      0    Dimensions      4.7    Height of overhead guard (cabin)      4.8    Seat height/stand height      0    Overall ength      11    Dimensions      4.7    Height of towing bar (coupling height)      11    Height of towing bar (coupling height)      12    Height of towing bar (coupling height)      14.2    Deverall ength      2.4    Fork carriage (SD 2382 (class/form) A/B      2.4.2    Fork carriage width      3.3    Ground clearance below mast      4.33    Ground clearance below mast    m1			
2.3    Weight on front axle (Uniaden) / rear axle (Uniaden)      3.1    Times type      3.2    Dimensions of fort wheels      3.3    Dimensions of fort wheels      3.5    Number of drive wheels      3.5.2    Number of drive wheels      3.6    Front wheel gauge      3.7    Height of overhaed gaugt (cabin)      3.8    Setth height stand height      4.7    Height of forking bar (coupling height)      4.19    Overall length      4.11    Height of forks      4.22    Fork carriage ISO 2328 (class/form) A/8      4.23    Fork carriage ISO 2328 (class/form) A/8      4.24    Fork carriage ISO 2328 (class/form) A/8      4.33    Alsie Width for pallets 1000 x 1200 crossways      4.34    Alsie Width for apallet engthways      4.35    Tuming radius      4.36    Internat Uming radius      4.37    Trade append (cader, uniaden)      5.3    Lower trade of X1200 pallet engthways      4.34    Alsie Width for apallet engthways      4.35    Tuming radius      5.10    Service trake      5.2    Lifting speed (laden / uniaden) </td <td></td> <td></td> <td></td>			
Wheels      3.1    Tites type      3.2    Dimensions of front wheels      3.3    Dimensions of rear wheels      3.5    Number of front wheels / rear wheels      3.5.2    Number of front wheels / rear wheels      3.6    Front wheel gauge    b10      3.7    Rear wheel gauge    b10      0fmentsions    mean strength of account (cabin)    h6      4.7    Height of twing bar (coupling height)    h10      4.12    Height of whong bar (coupling height)    h10      4.12    Height of twing bar (coupling height)    h11      4.20    Length to face of forks    l2      2.21    Fork section / width / length    s/ e / l      4.22    Fork section / width / length    s/ e / l      4.31    Ground cleanance below mast    m1      4.32    Ground cleanance below mast    m2      4.33    Ausie Width for allets 1000 x 1200 conseways    Ast      4.34    Aisle Width for alle			
3.1    Tires type      3.2    Dimensions of frant wheels      3.3    Dimensions of frant wheels      3.5.1    Number of front wheels / rear wheels      3.5.2    Number of front wheels      3.6    Front wheel gauge      0    Dimensions      1.7    Rear wheel gauge      1.8    Dimensions      1.7    Height of overhead guard (cabin)      4.8    Scath height/stand height      4.7    Height of towing bar (coupling height)      4.12    Height of towing bar (coupling height)      4.20    Length to face of forks      2.1    Overall width      4.20    Length to face of forks      2.1    Overall width      4.21    Overall width      4.22    Fork carriage is 02 2328 (class/form) A/B      4.23    Fork carriage is 02 120 class/form) A/B      4.24    Fork carriage is 02 120 class/form) A/B      4.25    Turning radius      4.36	2.3		
3.2    Dimensions of front wheels      3.3    Dimensions of rear wheels      3.5.5    Number of drive wheels      3.5.2    Number of drive wheels      3.6    Front wheel gauge      3.7    Rear wheel gauge      10    Dimensions      4.7    Height of ownhead gaud (cabin)      4.8    Scat height/stand height      4.12    Height of ownhead gaud (cabin)      4.20    Length to face of forks      210    Overall width      4.20    Length to face of forks      212    Fork section / width / length      4.22    Fork carnage stop 20 228 (class/form) A/B      4.24    Fork carnage stop 20 228 (class/form) A/B      4.25    Turning radius      4.36    Internal turning radius      5.3    Lowering speed (laden / uniaden)		Wheels	
3.3    Dimensions of rear wheels      3.5    Number of front wheels / rear wheels      3.5.2    Number of drive wheels      3.6    Front wheel gauge    b10      3.7    Rear wheel gauge    b11      0    Dimensions    h6      4.7    Height of overheed guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of overheed guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of overheed guard (cabin)    h6      4.20    Length ho face of forks    12      4.21    Overall width    s/ e / 1      4.22    Fork camage width    s/ e / 1      4.23    Fork camage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance below mast    m2      4.33    Aisle width for pallets 1000 x 1200 crossways    Ast      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over types)    b13      5.1    Travel speed (laden / unladen)    5.7      5.2	3.1	Tires type	
3.5    Number of front wheels / rear wheels      3.6    Front wheel gauge    b10      3.7    Rear wheel gauge    b10      3.7    Rear wheel gauge    b10      3.7    Rear wheel gauge    b10      3.7    Height of overhead gaud (cabin)    h6      4.7    Height of towing bar (coupling height)    h10      4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Overall width    b1    14      4.22    Fork section / width / length    s / e / 1      4.22    Fork camage width    b3    34      4.31    Ground clearance below mast    m1      4.32    Ground clearance to centre of wheelbase    m2      4.33    Aisle Width for gallets 1000 x 1200 crossways    Ast      4.34    Aisle width for gallets 1000 x 1200 crossways    Ast      4.35    Tuming radius (owr tyres)    b13      Performances    5.1    Travel speed (laden / unladen)    5.2      5.31    Lowering speed (laden / unladen)	3.2	Dimensions of front wheels	
3.5.2    Number of drive wheels    bit      3.6    Front wheel gauge    bit      3.7    Rear wheel gauge    bit      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of overhead guard (cabin)    h7      4.13    Seat height/stand height    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Fork carriage ISO 2282 (class/form) A/B    5 / e / I      4.22    Fork section / width / length    s / e / I      4.23    Ground clearance at centre of wheelbase    m2      4.33    Ground clearance at centre of wheelbase    m2      4.34    Aisle width for 800 x 1200 pailet lengthways    Ast      4.35    Tuming radius (over tyres)    b13 <b>Performaces</b> 5.1    Travel speed (laden / unladen)    5.2      5.1    Travel speed (laden / unladen)    5.5    Drewbar puil (Laden / Unladen)    5.5      5.1    Travel speed (laden / unladen)    5.5    Groupseed (laden / unladen)    5.5      5.1 <td< td=""><td>3.3</td><td>Dimensions of rear wheels</td><td></td></td<>	3.3	Dimensions of rear wheels	
3.6  Front wheel gauge  b10    3.7  Rear wheel gauge  b11    0  Dimensions  b11    4.7  Height of overhead guard (cabin)  h6    4.8  Seat height/stand height  h7    4.12  Height of towing bar (coupling height)  h10    4.19  Overall ength  11    4.20  Length to face of forks  12    4.21  Overall width  b1    4.22  Forks section / width / length  b1    4.23  Fork carriage Width  b1    4.24  Fork carriage Width  b3    4.31  Ground clearance at centre of wheelbase  m2    4.33  Alsie Width for pallets 1000 x 1200 crossways  Ast    4.34  Alsie Width for pallets 1000 x 1200 crossways  Ast    4.35  Tuming radius (over tyres)  b13    Performances  Wa  Service Service    5.1  Travel speed (laden / unladen)  Service brake    6.1  Dive motor rating at 31 %  Service brake    6.1  Dive motor rating 32 60 min  Service brake    6.2  Lift motor rating 32 15%  Service brake    6.3  Battery voltage / capacity  Service brake    6.4  Battery volt	3.5	Number of front wheels / rear wheels	
3.7    Rear wheel gauge    b11      Dimensions    0      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      2.41    Overall width    b1      4.22    Fork carriage ISO 2328 (class/form) A/B    5      4.23    Fork carriage ISO 2328 (class/form) A/B    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Alsie Width for pallets 1000 x 1200 crossways    Ast      4.34    Alsies width for 800 x 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over tyres)    b13      Performances    5.1    Travel speed (laden / unladen)    5.2      5.3    Loweing speed (laden / unladen)    5.3    Loweing speed (laden / unladen)      5.4    Battery voltag / capacity    6.3    Battery voltag / capacity      6.1    Drive motor rating S2 K0 min	3.5.2	Number of drive wheels	
Dimensions    h6      4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Overall width    b1      4.22    Fork carriage ISO 2328 (class/form) A/B    b3      4.23    Fork carriage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance below mast    m2      4.33    Asle Width for pallets 1000 x 1200 crossways    Ast      4.34    Aisle width for sallets 1000 x 1200 crossways    Ast      4.35    Turning radius    Wa      4.36    Internal turning radius (over tyres)    b13 <b>Pafformances</b> Travel speed (laden / unladen)    5.5      5.5    Drawbar pull (Laden / Unladen)    5.5      5.7    Gradeability (laden / unladen)    5.5      5.8    Engine    5.6      6.1    Drive motor rating S2 60 min    5.7      6.2    Lift motor rat	3.6	Front wheel gauge	b10
4.7    Height of overhead guard (cabin)    h6      4.8    Seat height/stand height    h7      4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Overall width    b1      4.22    Fork section / width / length    s / e / l      4.23    Fork carriage ISO 2228 (class/form) A/B    b3      4.31    Ground clearance at centre of wheelbase    m2      4.33    Ground clearance at centre of wheelbase    m2      4.34    A isle width for pallets 1000 x 1200 crossways    A st      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over tyres)    b13      Performances    51    Travel speed (laden / unladen)    5.5      5.1    Travel speed (laden / unladen)    5.10    Service brake      5.10    Service brake    5.10    Service brake      6.1    Drive motor rating 32.50 min    6.1    5.1      5.10    Service brake    5.1    Fork carriage 3.51%    6.3      6.3    Battery wolta	3.7	Rear wheel gauge	b11
4.8    Seat height/stand height    h7      4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Overall width    bt    bt      4.22    Fork carriage ISO 2228 (class/form) A/B    s / e / I      4.23    Fork carriage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Aisle width for 800 x 1200 crossways    Ast      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over tyres)    Wa      5.1    Travel speed (laden / unladen)    S.2      5.2    Lifting speed (laden / unladen)    S.5      5.3    Drewing speed (laden / unladen)    S.5      5.4    Drive motor rating 32 50 min    S.6      6.1    Drive motor rating 32 50 min    S.6      6.2    Lift motor rating 32 50 min    S.6      6.3    Battery working to DIN 43531/35/6 A, B, C </td <td></td> <td>Dimensions</td> <td></td>		Dimensions	
4.12    Height of towing bar (coupling height)    h10      4.19    Overall length    11      4.20    Length to face of forks    12      4.21    Overall width    b1      4.22    Fork section / width / length    s / e / l      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Aisle Width for pallets 1000 x 1200 crossways    Ast      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa      9    Performances    Wa      5.1    Travel speed (laden / unladen)    Unladen)      5.2    Lifting speed (laden / unladen)    Si      5.3    Dawbar pull (Laden / unladen)    Si      5.7    Gradeability (laden / unladen)    Si      5.7    Gradeability (laden / unladen)    Si      5.7    Gradeability (laden / unladen)    Si      6.1    Drive motor rating S2 50 min    Si   <	4.7	Height of overhead guard (cabin)	h6
4.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork section / width / lengths / e / l4.23Fork carriage ISO 2328 (class/form) A/Bb34.31Ground clearance below mastm14.32Ground clearance below mastm24.33Aisle Width for pallets 1000 x 1200 crosswaysAst4.34Aisle Width for pallets 1000 x 1200 pallet lengthwaysAst4.35Turning radius (over tyres)b13Performancesm25.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEnginem16.1Drive motor rating 32.60 min6.2Lift motor rating 32.60 min6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltag/ c papairly6.6Energy consumptionMiscellanecusm38.1Type of drive control8.2Working hydraulic pressure for attachments8.3Oil flow rate for attachments8.4Measured/guaranteed mean noise level at the ear of the operator	4.8	Seat height/stand height	h7
4.20    Length to face of forks    12      4.21    Overall width    b1      4.22    Forks section / width / length    \$ / e / 1      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.31    Ground clearance at centre of wheelbase    m2      4.33    Aisle Width for gallets 1000 x 1200 crossways    Ast      4.34    Aisle Width for galox 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over tyres)    b13      Performances      5.1    Travel speed (laden / unladen)	4.12	Height of towing bar (coupling height)	h10
4.21    Overall width    b1      4.22    Forks section / width / length    s / e / l      4.23    Fork carriage ISO 2328 (class/form) A/B    b3      4.24    Fork carriage width    b3      4.23    Ground clearance below mast    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Aisle Width for pallets 1000 x 1200 crossways    Ast      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Turning radius    Wa      4.36    Internal tuming radius (over tyres)    b13 <b>Performances</b> 100    100      5.1    Travel speed (laden / unladen)    100      5.2    Lifting speed (laden / unladen)    100      5.3    Lowering speed (laden / unladen)    100      5.4    Service brake    100 <b>Engine</b> 100    100      6.1    Drive motor rating S2 60 min    100      6.2    Lift motor rating S2 60 min    100      6.3    Battery according to DIN 43531/35/36 A, B, C    100      6.4    Battery voltage / capacity    100 <t< td=""><td>4.19</td><td>Overall length</td><td>11</td></t<>	4.19	Overall length	11
4.22    Forks section / width / length    s / e / l      4.23    Fork carriage ISO 2328 (class/form) A/B      4.24    Fork carriage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Arisle Width for pallets 1000 x 1200 crossways    Ast      4.34    Aisle width for 000 x 1200 pallet lengthways    Ast      4.35    Tuming radius    Wa      4.36    Internal tuming radius (over tyres)    b13 <b>Performances</b> 5.1    Travel speed (laden / unladen)      5.2    Lifting speed (laden / unladen)    5.5      5.3    Lowering speed (laden / unladen)    5.5      5.1    Strake B    5.1      6.1    Drive motor rating s2 60 min    6.1      6.2    Lift motor rating s2 50 min    6.2      6.3    Battery according to DIN 43531/35/36 A, B, C    6.4      6.4    Battery voltage / capacity    6.6      6.6    Energy consumption    5.2      6.6    Energy consumption    5.2      6.6    Energy control    6.6	4.20	Length to face of forks	12
4.23    Fork carriage ISO 2328 (class/form) A/B      4.24    Fork carriage width    b3      4.31    Ground clearance below mast    m1      4.32    Ground clearance at centre of wheelbase    m2      4.33    Aisle Width for pallets 1000 x 1200 crossways    Ast      4.34    Aisle width for 800 x 1200 pallet lengthways    Ast      4.35    Turning radius    Wa      4.36    Internal turning radius (over tyres)    b13      Performances    b13      5.1    Travel speed (laden / unladen)    5.5      5.2    Lifting speed (laden / unladen)    5.5      5.3    Lowering speed (laden / unladen)    5.5      5.7    Gradeability (laden / unladen)    5.5      5.10    Service brake    5.6      Engine    5.7    Gradeability (laden / unladen)      5.10    Service brake    5.6      6.1    Drive motor rating \$2.60 min    6.1      6.2    Lift motor rating \$2.60 min    6.1      6.3    Battery according to DIN 43531/35/36 A, B, C    6.6      6.4    Battery voltage / capacity    6.6    6.6   <	4.21	Overall width	b1
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4.35    Turning radius    Wa      4.36    Internal turning radius (over tyres)    b13      Performances    b13      5.1    Travel speed (laden / unladen)    c      5.2    Lifting speed (laden / unladen)    c      5.3    Lowering speed (laden / unladen)    c      5.5    Drawbar pull (Laden / Unladen)    c      5.7    Gradeability (laden / unladen)    c      5.10    Service brake    c      Engine    c    c      6.1    Drive motor rating 32 60 min    c      6.2    Lift motor rating at S3 15%    c      6.3    Battery according to DIN 43531/35/36 A, B, C    c      6.4    Battery voltage / capacity    c      6.5    Energy consumption    c      Miscellaneous    c    c      8.1    Type of drive control    c      8.2    Working hydraulic pressure for attachments    c      8.3    Oil flow rate for attachments    c      8.4    Measured/guaranteed mean noise level at the ear of the operator    c			
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Performances      5.1    Travel speed (laden / unladen)      5.2    Lifting speed (laden / unladen)      5.3    Lowering speed (laden / unladen)      5.5    Drawbar pull (Laden / Unladen)      5.7    Gradeability (laden / unladen)      5.10    Service brake      Engine      6.1    Drive motor rating S2 60 min      6.2    Lift motor rating at S3 15%      6.3    Battery according to DIN 43531/35/36 A, B, C      6.4    Battery voltage / capacity      6.6    Energy consumption      Miscellaneous    Miscellaneous      8.1    Type of drive control      8.2    Working hydraulic pressure for attachments      8.3    Oil flow rate for attachments      8.4    Measured/guaranteed mean noise level at the ear of the operator			
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5.3    Lowering speed (laden / unladen)      5.5    Drawbar pull (Laden / Unladen)      5.7    Gradeability (laden / unladen)      5.10    Service brake      Engine      6.1    Drive motor rating S2 60 min      6.2    Lift motor rating at S3 15%      6.3    Battery according to DIN 43531/35/36 A, B, C      6.4    Battery voltage / capacity      6.6    Energy consumption      Miscellaneous    Miscellaneous      8.1    Type of drive control      8.2    Working hydraulic pressure for attachments      8.3    Oil flow rate for attachments      8.4    Measured/guaranteed mean noise level at the ear of the operator			
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Engine      6.1    Drive motor rating \$2.60 min      6.2    Lift motor rating at \$3.15%      6.3    Battery according to DIN 43531/35/36 A, B, C      6.4    Battery voltage / capacity      6.6    Energy consumption      Miscellaneous      8.1    Type of drive control      8.2    Working hydraulic pressure for attachments      8.3    Oil flow rate for attachments      8.4    Measured/guaranteed mean noise level at the ear of the operator			
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6.6    Energy consumption      Miscellaneous      8.1    Type of drive control      8.2    Working hydraulic pressure for attachments      8.3    Oil flow rate for attachments      8.4    Measured/guaranteed mean noise level at the ear of the operator			
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8.2    Working hydraulic pressure for attachments      8.3    Oil flow rate for attachments      8.4    Measured/guaranteed mean noise level at the ear of the operator	0 1		
8.3  Oil flow rate for attachments    8.4  Measured/guaranteed mean noise level at the ear of the operator		· ·	
8.4 Measured/guaranteed mean noise level at the ear of the operator			
8.4 Sound level at the drivers ear according to UIN 12 U53			
	8.4	Sound level at the driver's ear according to DIN-12-053	

Manitou ME 430 US

## Electrical Seated 6614 lb 20 in 18 in 69 in 11574 lb 16182 lb / 2161 lb 5670 lb / 5684 lb Solid tires 23 x 9-10 18 x 7-8 2/2 2 42 in 38 in 88 in 47 in 25 in 144 in 98 in 50 in I 2 in x 5 in x 45 in 3A 43 in 4 in 5 in 159 in 167 in 94 in 29 in 12 mph-12 mph 1 ft/s-2 ft/s 2 ft/s-1 ft/s 1740 daN / 1680 daN 14 % / 20 % Oil bath 18.50 kW 25.40 kW DIN43536 A 80 V / 700 Ah 11.50 kWh Electronic 3046 PSI 17 US gpm < 72 dB 72 dB

## ME 430 US - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 43	FVD 45	FVD 48	FVD 50
Mast/fork carriage tilt, forward	۰	5	5	5	5	5	5	5	5	5
Mast/fork carriage tilt, backward	۰	8	8	8	8	8	5	5	5	5
h1 - Mast lowered height	in	88	93.9	97.8	11.2	111.6	117.5	121.5	127.4	131.3
h2 - Mast free lift	in	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
h3 - Mast lifting height	in	118.1	129.9	137.8	145.7	157.5	169.3	177.2	189	196.9
h4 - Mast extended height	in	151.1	162.9	170.8	178.7	190.5	202.3	210.2	222	229.8
Residual capacity at max height	lb	6614	6614	6614	6614	6614	6614	6614	6614	6614
Residual capacity with integrated side shift at max heigth	lb	6614	6614	6614	6614	6614	6614	6614	6614	6614
Residual capacity with hooked-on side shift at max heigth	lb	6614	6614	6614	6614	6614	6614	6504	6393	6173
Height at max capacity	in	118.1	129.9	137.8	145.7	157.5	169.3	177.2	189	196.9
Height at max capacity with integrated sideshift	in	118.1	129.9	137.8	145.7	157.5	169.3	177.2	189	196.9

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 37	FLD 40
Mast/fork carriage tilt, forward	۰	5	5	5	5
Mast/fork carriage tilt, backward	٥	8	8	8	8
h1 - Mast lowered height	in	84.1	90	97.8	105.7
h2 - Mast free lift	in	50.2	56.1	64	71.9
h3 - Mast lifting height	in	118.1	129.9	145.7	157.5
h4 - Mast extended height	in	152	163.8	179.5	191.3
Residual capacity at max height	lb	6614	6614	6614	6614
Residual capacity with integrated side shift at max heigth	lb	6614	6614	6614	6614
Residual capacity with hooked-on side shift at max heigth	lb	6614	6614	6614	6614
Height at max capacity	in	118.1	129.9	145.7	157.5
Height at max capacity with integrated sideshift	in	118.1	129.9	145.7	157.5

Free Lift Triplex (FLT)		FLT 40	FLT 43	FLT 48	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward	۰	5	5	5	5	5	5
Mast/fork carriage tilt, backward	٥	5	5	5	5	5	5
h1 - Mast lowered height	in	80.1	84.1	90	93.9	101.8	111.6
h2 - Mast free lift	in	49.2	53.1	59.1	63	70.9	80.7
h3 - Mast lifting height	in	157.5	169.3	189	196.9	216.5	236.2
h4 - Mast extended height	in	188.4	200.2	219.9	227.8	247.4	267.1
Residual capacity at max height	lb	6614	6614	6614	6614	6393	5952
Residual capacity with integrated side shift at max heigth	lb	6614	6614	6614	6393	6173	5842
Residual capacity with hooked-on side shift at max heigth	lb	6393	6393	6283	6063	5622	5401
Height at max capacity	in	157.5	169.3	189	196.9	157.5	157.5
Height at max capacity with integrated sideshift	in	157.5	169.3	189	157.5	157.5	157.5



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