# Electric Forklift

A series 4-wheel 1.5-3.5t
A series reach truck 1.6-2.5t
M series 3-wheel forklift 1.6-2t
M series rear drive 3-wheel forklift 1.6t

## Sir Neville Bowman-Shaw

We are excited to reintroduce the original budget brand forklift back into the UK market – SAMUK.

Sir Neville Bowman-Shaw built a formidable brand in SAMUK in 1996 during its original guise and we are proud to be at the forefront of bringing this fantastic brand back to the UK market place.

# SAMUK FAMILY

M Series
1.5-7T
Diesel Forklift

A Series
1.5-3.5T 4-wheel
Electric Forklift

M Series
1.5-7T
Gas/LPG Forklift

A Series
1.6-2.5T Electric
Reach Truck

M Series
4-5T 4-wheel
Electric Forklift

M Series
2.5T Dual Drive
4-wheel Electric
Forklift

M Series
1.6-2T 3-wheel
Electric Forklift

M Series
2.5T Cushion
Tyre Forklift

M Series
1.6T Rear drive
3-wheel Electric
Forklift

Man Up
Order Picker

M Series
1.8-35T Compact
4WD Rough
Terrain Forklift

1.5-2.0T
Articulated VNA
Electric Forklift

M Series
2.5-3.5T 4WD
Rough Terrain
Forklift

Hand Pallet
Truck

M Series
1.8-5.0T 2WD
Rough Terrain
Forklift

Powered Pallet
Truck

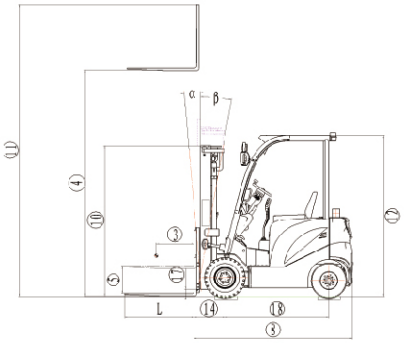
3.5-4.5T
Multi-Directional
Forklift

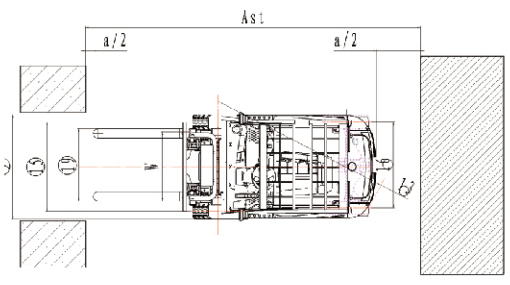
Pedestrian
Stacker

SAMUK

## A SERIES 1.5-3.5t 4-wheel electric forklift/Li-Ion battery forklift

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Specification | 1 | Model | | | FBA15-JZ | FBA18-JZ | FBA20-JZ | FBA25-JZ | FBA30-JZ | FBA35-JZ |
| | 2 | Rated capacity | | kg | 1500 | 1800 | 2000 | 2500 | 3000 | 3500 |
| | 3 | Load centre | | mm | 500 | | | | | |
| | 4 | Lifting height | | mm | 3000 | | | | | |
| | 5 | Free lifting height | | mm | 135 | | 140 | | 165 | |
| | 6 | Fork size | T×W×L | mm | 35×100×920 | | 40×122×1070 | | 45×125×1070 | 50×130×1070 |
| | 7 | Tilting angle | F/R (α°/β°) | Deg | 5/10 | | | | | |
| Dimensions | 8 | Overall Dimension | Length (to forkface) | mm | 2073 | 2118 | 2286.5 | | 2548 | 2639 |
| | 9 | | Width | mm | 1120 | | 1285 | | 1285 | 1365 |
| | 10 | | Height when mast lowered | mm | 2000 | | 2015 | | 2045 | 2120 |
| | 11 | | Height when mast extended | mm | 3980 | | 3990 | | 4100 | 4140 |
| | 12 | | Height to safeguard | mm | 2135 | | 2152 | | 2152 | 2138 |
| | 13 | Turning radius | Min. | mm | 1965 | | 2080 | | 2349 | 2405 |
| | 14 | Front overhang/rear overhang | | mm | 410/317 | | 454/390 | | 475/402 | 495.5/453.5 |
| | 15 | Tread | F/R | mm | 955/920 | | 1058/960 | | 1065/980 | 1124/1010 |
| | 16 | Ground clearance | Min. | mm | 105 | | 95 | | 110 | 83 |
| | 17 | Wheelbase | | mm | 1380 | | 1485 | | 1670 | 1690 |
| | 18 | Fork spread | Min./Max. | mm | 250/890 | | 250/1000 | | 250/1060 | |
| | 19 | Working aisle width with pallet(Ast)* | 1000×1200 crossways | mm | 3541 | | 3732 | | 4025 | 4101 |
| | 20 | | 800×1200 lengthways | mm | 3741 | | 3932 | | 4225 | 4301 |
| Performance | 21 | Speed | Travel(Laden) | km/h | 15 | | 15 | | 15 | |
| | 22 | | Travel(Unladen) | km/h | 16 | | 16 | | 16 | |
| | 23 | | lifting (laden/unladen) | mm/s | 290/440 | | 280/440 | | 280/400 | 280/384 |
| | 24 | | lowering (laden/unladen) | mm/s | 410/410 | | 470/430 | | 400/315 | |
| | 25 | Gradeability | Laden | % | 15 | | 15 | | 15 | |
| | 26 | | Unladed | % | 15 | | 15 | | 15 | |
| | 27 | Service weight | Include battery box | kg | 2950 | 3230 | 3930 | 4100 | 4750 | 5253 |
| | 28 | Tyre | Front×2 | | 6.00-9 10PR | | 23×9-10 16PR | | 23×9-10 16PR | 23×10-12 |
| | 29 | | Rear×2 | | 5.00-8 8PR | | 18×7-8-14PR | | 18×7-8-14PR | 200/50-10 |
| Driven | 30 | Motor | Driven motor | kw | K6.5 | | K8.5 | | K11.5 | |
| | 31 | | Pump motor | kw | K8.6 | | K11 | | K15 | |
| | 32 | Battery | Standard(Option) | V/Ah | 48/420 | | 48/600 | | 80/500 | |
| | 33 | Controller | Type | | AC | AC | AC | AC | AC | AC |
| | 34 | | Manufacturer | | ZAPI | ZAPI | ZAPI | ZAPI | ZAPI | ZAPI |
| | 35 | Operating pressure for attachment | | Mpa | 14.5 | | 17.5 | | | |





## A SERIES 1.5-1.8t forklift mast

| Type | Model | Max. fork height | Overall height | | | | | | Free lift | | Front Overhang | | Tilt range | | Capacity | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lowered | | Extended | | | | Without backrest | with backrest | | | FWD | BWD | load capacity at 500mm | |
| | | | | | Without backrest | | With backrest | | | | 1.5t | 1.8t | | | Single tyre | |
| | | | 1.5t | 1.8t | 1.5t | 1.8t | 1.5t | 1.8t | | | | | | | 1.5t | 1.8t |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | Deg | Deg | kg | kg |
| wide view 2-stage mast | M200 | 2000 | 1500 | 1500 | 2513 | 2513 | 2984 | 2984 | 135 | 135 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | M250 | 2500 | 1750 | 1750 | 3013 | 3013 | 3484 | 3484 | 135 | 135 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | M300 | 3000 | 2000 | 2000 | 3513 | 3513 | 3984 | 3984 | 135 | 135 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | M330 | 3300 | 2150 | 2150 | 3813 | 3813 | 4284 | 4284 | 135 | 135 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | M350 | 3500 | 2250 | 2250 | 4013 | 4013 | 4484 | 4484 | 135 | 135 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | M370 | 3700 | 2350 | 2350 | 4213 | 4213 | 4684 | 4684 | 135 | 135 | 410 | 410 | 5 | 10 | 1460 | 1760 |
| | M400 | 4000 | 2550 | 2550 | 4513 | 4513 | 4984 | 4984 | 135 | 135 | 410 | 410 | 5 | 10 | 1400 | 1700 |
| | M425 | 4250 | 2675 | 2675 | 4763 | 4763 | 5234 | 5234 | 135 | 135 | 410 | 410 | 5 | 6 | 1400 | 1600 |
| | M450 | 4500 | 2800 | 2800 | 5013 | 5013 | 5484 | 5484 | 135 | 135 | 410 | 410 | 5 | 6 | 1300 | 1500 |
| | M500 | 5000 | 3050 | 3050 | 5513 | 5513 | 5984 | 5984 | 135 | 135 | 410 | 410 | 5 | 6 | 1000 | 1100 |
| | M550 | 5500 | 3350 | 3350 | 6013 | 6013 | 6484 | 6484 | 135 | 135 | 410 | 410 | 3 | 6 | 800 | 1000 |
| | M600 | 6000 | 3600 | 3600 | 6513 | 6513 | 6984 | 6984 | 135 | 135 | 410 | 410 | 3 | 6 | 500 | 600 |
| full free 2-stage mast | FM250 | 2500 | 1750 | 1750 | 3013 | 3013 | 3484 | 3484 | 1165 | 780 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | FM300 | 3000 | 2000 | 2000 | 3513 | 3513 | 3984 | 3984 | 1415 | 1030 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | FM330 | 3300 | 2150 | 2150 | 3813 | 3813 | 4284 | 4284 | 1565 | 1180 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | FM350 | 3500 | 2250 | 2250 | 4013 | 4013 | 4484 | 4484 | 1665 | 1280 | 410 | 410 | 5 | 10 | 1500 | 1800 |
| | FM370 | 3700 | 2350 | 2350 | 4213 | 4213 | 4684 | 4684 | 1765 | 1380 | 410 | 410 | 5 | 10 | 1410 | 1710 |
| | FM400 | 4000 | 2550 | 2550 | 4513 | 4513 | 4984 | 4984 | 1965 | 1580 | 410 | 410 | 5 | 6 | 1350 | 1650 |
| Full free 3-stage mast | TFM435 | 4350 | 2000 | 2000 | 4863 | 4863 | 5334 | 5334 | 1420 | 1030 | 410 | 410 | 5 | 6 | 1250 | 1500 |
| | TFM450 | 4500 | 2050 | 2050 | 5013 | 5013 | 5484 | 5484 | 1470 | 1080 | 410 | 410 | 5 | 6 | 1200 | 1400 |
| | TFM480 | 4800 | 2150 | 2150 | 5313 | 5313 | 5784 | 5784 | 1570 | 1180 | 410 | 410 | 5 | 6 | 1100 | 1200 |
| | TFM500 | 5000 | 2250 | 2250 | 5513 | 5513 | 5984 | 5984 | 1670 | 1280 | 410 | 410 | 5 | 6 | 950 | 1050 |
| | TFM540 | 5400 | 2375 | 2375 | 5913 | 5913 | 6384 | 6384 | 1795 | 1405 | 410 | 410 | 3 | 6 | 750 | 850 |
| | TFM600 | 6000 | 2610 | 2610 | 6513 | 6513 | 6984 | 6984 | 2020 | 1630 | 410 | 410 | 3 | 6 | 450 | 550 |
| | TFM650 | 6500 | 2805 | 2805 | 7013 | 7013 | 7484 | 7484 | 2235 | 1845 | 410 | 410 | 3 | 6 | 250 | 300 |

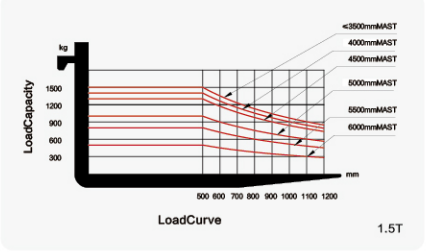
## A SERIES 2-2.5t forklift mast

| Type | Model | Max. fork height | Overall height | | | | | | Free lift | | Front Overhang | | Tilt range | | Capacity | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lowered | | Extended | | | | Without backrest | with backrest | | | FWD | BWD | load capacity at 500mm | |
| | | | | | Without backrest | | With backrest | | | | 2t | 2.5t | | | Single tyre | |
| | | | 2t | 2.5t | 2t | 2.5t | 2t | 2.5t | | | | | | | 2t | 2.5t |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | Deg | Deg | kg | kg |
| wide view 2-stage mast | M250 | 2500 | 1765 | 1765 | 3115 | 3115 | 3517 | 3517 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M300 | 3000 | 2015 | 2015 | 3616 | 3616 | 4017 | 4017 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M330 | 3300 | 2165 | 2165 | 3916 | 3916 | 4317 | 4317 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M350 | 3500 | 2265 | 2265 | 4115 | 4115 | 4517 | 4517 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M370 | 3700 | 2365 | 2365 | 4315 | 4315 | 4717 | 4717 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M400 | 4000 | 2565 | 2565 | 4616 | 4616 | 5017 | 5017 | 140 | 140 | 454 | 454 | 5 | 10 | 2000 | 2500 |
| | M450 | 4500 | 2815 | 2815 | 5115 | 5115 | 5517 | 5517 | 140 | 140 | 454 | 454 | 5 | 6 | 1600 | 2100 |
| | M500 | 5000 | 3065 | 3065 | 5615 | 5615 | 6017 | 6017 | 140 | 140 | 454 | 454 | 5 | 6 | 1200 | 1600 |
| | M550 | 5500 | 3365 | 3365 | 6115 | 6115 | 6517 | 6517 | 140 | 140 | 454 | 454 | 3 | 6 | 950 | 1200 |
| | M600 | 6000 | 3615 | 3615 | 6616 | 6616 | 7017 | 7017 | 140 | 140 | 454 | 454 | 3 | 6 | 800 | 900 |
| full free 2-stage mast | FM250 | 2500 | 1765 | 1765 | 3115 | 3115 | 3517 | 3517 | 1170 | 770 | 477 | 477 | 5 | 10 | 2000 | 2500 |
| | FM300 | 3000 | 2015 | 2015 | 3615 | 3615 | 4017 | 4017 | 1420 | 1020 | 477 | 477 | 5 | 10 | 2000 | 2500 |
| | FM330 | 3300 | 2165 | 2165 | 3915 | 3915 | 4317 | 4317 | 1570 | 1170 | 477 | 477 | 5 | 10 | 2000 | 2500 |
| | FM350 | 3500 | 2265 | 2265 | 4115 | 4115 | 4517 | 4517 | 1670 | 1270 | 477 | 477 | 5 | 10 | 2000 | 2500 |
| | FM370 | 3700 | 2365 | 2365 | 4315 | 4315 | 4717 | 4717 | 1770 | 1370 | 477 | 477 | 5 | 6 | 2000 | 2500 |
| | FM400 | 4000 | 2565 | 2565 | 4615 | 4615 | 5017 | 5017 | 1970 | 1570 | 477 | 477 | 5 | 6 | 2000 | 2500 |
| Full free 3-stage mast | TFM435 | 4350 | 2015 | 2015 | 5021 | 5021 | 5366 | 5366 | 1390 | 990 | 490 | 490 | 5 | 6 | 1750 | 2200 |
| | TFM450 | 4500 | 2065 | 2065 | 5171 | 5171 | 5516 | 5516 | 1440 | 1040 | 490 | 490 | 5 | 6 | 1600 | 2000 |
| | TFM480 | 4800 | 2165 | 2165 | 5417 | 5417 | 5816 | 5816 | 1540 | 1140 | 490 | 490 | 5 | 6 | 1250 | 1700 |
| | TFM500 | 5000 | 2265 | 2265 | 5617 | 5617 | 6016 | 6016 | 1640 | 1240 | 490 | 490 | 5 | 6 | 1100 | 1500 |
| | TFM550 | 5500 | 2390 | 2390 | 6117 | 6117 | 6516 | 6516 | 1765 | 1400 | 490 | 490 | 3 | 6 | 900 | 1200 |
| | TFM600 | 6000 | 2615 | 2615 | 6617 | 6617 | 7016 | 7016 | 1990 | 1590 | 490 | 490 | 3 | 6 | 700 | 800 |
| | TFM650 | 6500 | 2840 | 2840 | 7171 | 7171 | 7516 | 7516 | 2205 | 1805 | 490 | 490 | 3 | 6 | 400 | 500 |

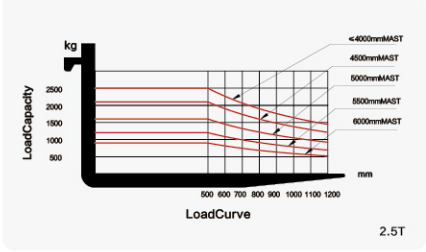
SAMUK

## A SERIES 3-3.5t forklift mast

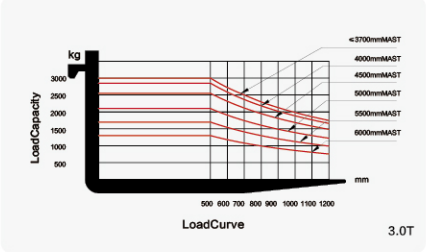
| Type | Model | Max. fork height | Overall height | | | | | | Free lift | | | | Front Overhang | | Tilt range | | Capacity | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lowered | | Extended | | | | Without backrest | | with backrest | | | | | | load capacity at 500mm | |
| | | | | | Without backrest | | With backrest | | | | | | 3t | 3.5t | FWD | BWD | Single tyre | |
| | | | 3t | 3.5t | 3t | 3.5t | 3t | 3.5t | 3t | 3.5t | 3t | 3.5t | | | | | 3t | 3.5t |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | Deg | Deg | kg | kg |
| wide view 2-stage mast | M250 | 2500 | 1795 | 1870 | 3140 | 3210 | 3640 | 3640 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 3000 | 3500 |
| | M300 | 3000 | 2045 | 2120 | 3640 | 3710 | 4140 | 4140 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 3000 | 3500 |
| | M330 | 3300 | 2195 | 2270 | 3940 | 4010 | 4440 | 4440 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 3000 | 3500 |
| | M350 | 3500 | 2295 | 2370 | 4140 | 4210 | 4640 | 4640 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 3000 | 3500 |
| | M370 | 3700 | 2395 | 2470 | 4340 | 4410 | 4840 | 4840 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 3000 | 3500 |
| | M400 | 4000 | 2595 | 2670 | 4640 | 4710 | 5140 | 5140 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 10 | 2850 | 3300 |
| | M450 | 4500 | 2845 | 2920 | 5140 | 5210 | 5640 | 5640 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 6 | 2550 | 2900 |
| | M500 | 5000 | 3095 | 3170 | 5640 | 5710 | 6140 | 6140 | 165 | 170 | 165 | 170 | 475 | 505 | 5 | 6 | 2100 | 2400 |
| | M550 | 5500 | 3395 | 3470 | 6140 | 6210 | 6640 | 6640 | 165 | 170 | 165 | 170 | 475 | 505 | 3 | 6 | 1700 | 1800 |
| | M600 | 6000 | 3645 | 3720 | 6640 | 6710 | 7140 | 7140 | 165 | 170 | 165 | 170 | 475 | 505 | 3 | 6 | 1300 | 1400 |
| full free 2-stage mast | FM250 | 2500 | 1795 | 1870 | 3140 | 3200 | 3640 | 3600 | 1140 | 1165 | 685 | 750 | 490 | 505 | 5 | 10 | 3000 | 3500 |
| | FM300 | 3000 | 2045 | 2120 | 3640 | 3700 | 4140 | 4100 | 1390 | 1415 | 935 | 1000 | 490 | 505 | 5 | 10 | 3000 | 3500 |
| | FM330 | 3300 | 2195 | 2270 | 3940 | 4000 | 4440 | 4400 | 1540 | 1565 | 1085 | 1150 | 490 | 505 | 5 | 10 | 3000 | 3500 |
| | FM350 | 3500 | 2295 | 2370 | 4140 | 4200 | 4640 | 4600 | 1640 | 1665 | 1185 | 1250 | 490 | 505 | 5 | 10 | 3000 | 3500 |
| | FM370 | 3700 | 2395 | 2470 | 4340 | 4400 | 4840 | 4800 | 1740 | 1765 | 1285 | 1350 | 490 | 505 | 5 | 10 | 3000 | 3500 |
| | FM400 | 4000 | 2595 | 2670 | 4640 | 4700 | 5140 | 5100 | 1940 | 1965 | 1485 | 1550 | 490 | 505 | 5 | 10 | 2850 | 3300 |
| Full free 3-stage mast | TFM435 | 4350 | 2045 | 2120 | 5015 | 5100 | 5490 | 5500 | 1460 | 1460 | 925 | 925 | 500 | 522 | 5 | 6 | 2800 | 3100 |
| | TFM450 | 4500 | 2095 | 2170 | 5165 | 5250 | 5640 | 5650 | 1510 | 1510 | 975 | 975 | 500 | 522 | 5 | 6 | 2500 | 2800 |
| | TFM480 | 4800 | 2195 | 2270 | 5465 | 5550 | 5940 | 5950 | 1610 | 1610 | 1075 | 1075 | 500 | 522 | 5 | 6 | 2250 | 2500 |
| | TFM500 | 5000 | 2295 | 2370 | 5665 | 5750 | 6140 | 6150 | 1710 | 1710 | 1175 | 1175 | 500 | 522 | 5 | 6 | 2100 | 2300 |
| | TFM540 | 5400 | 2420 | 2435 | 6065 | 6150 | 6540 | 6550 | 1835 | 1835 | 1300 | 1300 | 500 | 522 | 3 | 6 | 1650 | 1800 |
| | TFM600 | 6000 | 2645 | 2720 | 6665 | 6750 | 7140 | 7150 | 2060 | 2060 | 1525 | 1525 | 500 | 522 | 3 | 6 | 1200 | 1300 |
| | TFM650 | 6500 | 2860 | 2935 | 7165 | 7250 | 7640 | 7650 | 2275 | 2275 | 1740 | 1740 | 500 | 522 | 3 | 6 | 700 | 800 |



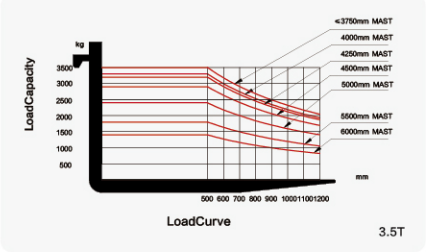
1.5T



2.5T



3.0T



3.5T

## Li-Ion battery  is available for 4-wheel electric forklift

Main advantages:

**Compact body**
energy density more than 120W · h/kg

**Operating temperature**
Charge: 0~45 ℃
Discharge: -20~60 ℃

**Long service life**
>2500 times (80% remaining capacity), the service life more than 5 years or 10000 hours

**5 years guarantee**

**High charge efficiency**
>97%

**Impact of environment**
zero pollution

**Fast charging**
2-4hours quick charge, no memory effect.

**Control system**
With BMS management system, it can monitor the current, voltage, temperature, SOC and other conditions of each battery pack. With self-protection.

**High safety and reliability**

**Maintenance free**

SAMUK

## A SERIES 1.6-2.5t reach truck

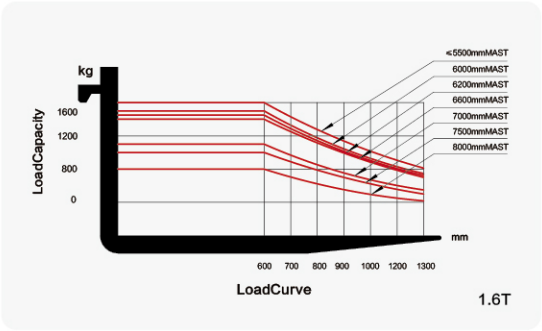
| | | | | | | |
|---|---|---|---|---|---|---|
| Specification | 1 | Model | | FBREA16-JI | FBREA20-JI | FBREA25-JI |
| | 2 | Power | | Electirc | | |
| | 3 | Operator type | | Sit | | |
| | 4 | Rated load capacity | Q(kg) | 1600 | 2000 | 2500 |
| | 5 | Rated lift height | h3(mm) | 3000 | 3000 | 3000 |
| | 6 | Load centre | C(mm) | 600 | 600 | 600 |
| | 7 | Fork carriage tilt (Forward/Backward) | α/β(deg) | 2°/4° | 2°/4° | 2°/4° |
| | 8 | Travel speed (Laden/Unladed) | (km/h) | 10.0/11.0 | 10.0/11.0 | 10.0/10.5 |
| | 9 | Lifting speed(Laden) | (mm/s) | 290 | 280 | 260 |
| | 10 | Max. gradeability(Laden) | (%) | 10 | 10 | 10 |
| | 11 | Min. turning radius | Wa(mm) | 1690 | 1750 | 1850 |
| | 12 | Reach distance | X(mm) | 570 | 660 | 660 |
| | 13 | Wheelbase | Y(mm) | 1440 | 1500 | 1600 |
| | 14 | Service brake | | Hyd | Hyd | Hyd |
| Dimensions | 15 | Overall length | l1(mm) | 2381 | 2381 | 2480 |
| | 16 | Main body length | l7(mm) | 1852 | 1942 | 2042 |
| | 17 | Rear body length | l2(mm) | 1311 | 1311 | 1410 |
| | 18 | Overall width | b1(mm) | 1270 | 1270 | 1270 |
| | 19 | Height of mast,lowered | h1(mm) | 2090 | 2090 | 2130 |
| | 20 | Free lift height | h2(mm) | 330 | 330 | 330 |
| | 21 | Height of mast,extended | h4(mm) | 3895 | 3895 | 3875 |
| | 22 | Height of overhead guard | h5(mm) | 2100 | 2100 | 2100 |
| | 23 | Fork dimensions(T×W×L) | (mm) | 40×122×1070 | 40×122×1070 | 40×122×1070 |
| | 24 | Fork regulating range(Min/Max) | (mm) | 270/714 | 270/714 | 270/714 |
| | 25 | Min. ground clearance | h6(mm) | 85 | 85 | 85 |
| | 26 | Min. aisle width with pallet（1200L×1000W) | Ast1(mm) | 2750 | 2770 | 2870 |
| | 27 | Min. aisle width with pallet（800L×1200W) | Ast2(mm) | 2800 | 2810 | 2910 |
| | 28 | Service weight | (kg) | 2860 | 3070 | 3520 |
| Tyre | 29 | Drive motor | (Kw) | 6.5 | 6.5 | 6.5 |
| | 30 | Lift motor | (Kw) | 11 | 11 | 11 |
| | 31 | Battery:Voltage/capacity (5h)standard (option) | (V/Ah) | 48/450 | 48/450 | 48/600 |
| | 32 | Tyres | | Polyurethane Solid tyre | | |
| | 33 | Size of front tyre | (mm) | ∅285×108 | | ∅343×108 |
| | 34 | Size of driven tyre | (mm) | ∅343×140 | | |
| | 35 | Size of balancing tyre | (mm) | 1132 | | |
| Other | 36 | Turning system | | Electirc | | |
| | 37 | Speed control system | | Inmotion | | |

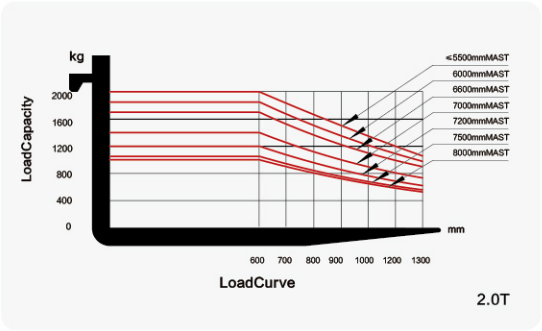
*Reach truck stand operation model will be lanuched in 2019*

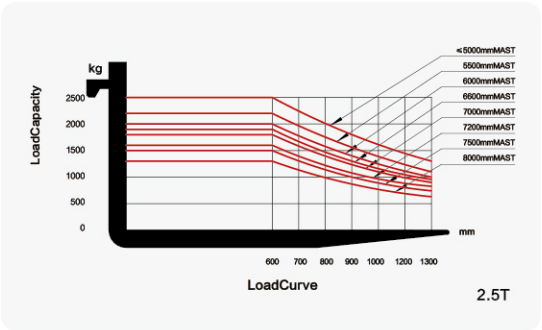
## A SERIES 1.6-2.5t reach truck mast

| | Type | Max. fork height | Mast height | | | | | | | | | Free lift height | | | | | | Front overhang | | | Capacity | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Overall height (mm) -lowered | | | Lifting heignt | | | | | | without bracket | | | with bracket | | | | | | Load center (600mm) | | |
| | | | | | | Without backrest | | | With backrest | | | | | | | | | | | | | | |
| | | | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T | 1.6T | 2.0T | 2.5T |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| 2-stage | RM300 | 3000 | 2090 | 2090 | 2130 | 3615 | 3615 | 3595 | 3895 | 3895 | 3875 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM360 | 3600 | 2390 | 2390 | 2430 | 4205 | 4205 | 4195 | 4485 | 4485 | 4475 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM380 | 3800 | 2490 | 2490 | 2530 | 4405 | 4405 | 4395 | 4685 | 4685 | 4675 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM400 | 4000 | 2640 | 2640 | 2680 | 4605 | 4605 | 4595 | 4885 | 4885 | 4875 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM420 | 4200 | 2740 | 2740 | 2780 | 4805 | 4805 | 4795 | 5085 | 5085 | 5075 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM450 | 4500 | 2890 | 2890 | 2930 | 5105 | 5105 | 5095 | 5385 | 5385 | 5375 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM480 | 4800 | 3040 | 3040 | 3080 | 5405 | 5405 | 5395 | 5685 | 5685 | 5675 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM500 | 5000 | 3140 | 3140 | 3180 | 5605 | 5605 | 5595 | 5885 | 5885 | 5875 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RM550 | 5500 | 3440 | 3440 | 3480 | 6105 | 6105 | 6095 | 6385 | 6385 | 6375 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1600 | 2000 | 2250 |
| | RM600 | 6000 | 3690 | 3690 | 3730 | 6605 | 6605 | 6595 | 6885 | 6885 | 6875 | 330 | 330 | 330 | 330 | 330 | 330 | 191 | 221 | 220 | 1500 | 1800 | 2000 |
| 3-stage | RTFM400 | 4000 | 1915 | 1915 | 1950 | 4605 | 4605 | 4675 | 4885 | 4885 | 4880 | 1355 | 1355 | 1270 | 1030 | 1030 | 1060 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RTFM420 | 4200 | 1980 | 1980 | 2015 | 4805 | 4805 | 4870 | 5085 | 5085 | 5075 | 1425 | 1425 | 1335 | 1095 | 1095 | 1125 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RTFM450 | 4500 | 2080 | 2080 | 2115 | 5105 | 5105 | 5170 | 5385 | 5385 | 5375 | 1520 | 1520 | 1435 | 1195 | 1195 | 1230 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RTFM480 | 4800 | 2180 | 2180 | 2215 | 5405 | 5405 | 5470 | 5685 | 5685 | 5675 | 1625 | 1625 | 1535 | 1295 | 1295 | 1330 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RTFM500 | 5000 | 2300 | 2300 | 2315 | 5605 | 5605 | 5670 | 5885 | 5885 | 5875 | 1740 | 1740 | 1635 | 1410 | 1410 | 1430 | 191 | 221 | 220 | 1600 | 2000 | 2500 |
| | RTFM520 | 5200 | 2365 | 2365 | 2385 | 5805 | 5805 | 5875 | 6085 | 6085 | 6080 | 1805 | 1805 | 1705 | 1480 | 1480 | 1495 | 191 | 221 | 220 | 1600 | 2000 | 2300 |
| | RTFM560 | 5600 | 2500 | 2500 | 2515 | 6205 | 6205 | 6270 | 6485 | 6485 | 6475 | 1940 | 1940 | 1835 | 1610 | 1610 | 1630 | 191 | 221 | 220 | 1600 | 2000 | 2200 |
| | RTFM600 | 6000 | 2630 | 2630 | 2650 | 6605 | 6605 | 6675 | 6885 | 6885 | 6880 | 2075 | 2075 | 1970 | 1745 | 1745 | 1760 | 191 | 221 | 220 | 1500 | 1850 | 2000 |
| | RTFM620 | 6200 | 2700 | 2700 | 2715 | 6805 | 6805 | 6870 | 7085 | 7085 | 7075 | 2140 | 2140 | 2035 | 1810 | 1810 | 1830 | 191 | 221 | 220 | 1450 | 1800 | 1950 |
| | RTFM660 | 6600 | 2880 | 2880 | 2900 | 7205 | 7205 | 7280 | 7485 | 7485 | 7485 | 2280 | 2280 | 2220 | 1995 | 1995 | 2015 | 191 | 221 | 220 | 1400 | 1700 | 1900 |
| | RTFM700 | 7000 | 3015 | 3015 | 3035 | 7605 | 7605 | 7680 | 7885 | 7885 | 7885 | 2415 | 2415 | 2355 | 2130 | 2130 | 2145 | 191 | 221 | 220 | 1100 | 1400 | 1800 |
| | RTFM720 | 7200 | 3080 | 3080 | 3100 | 7805 | 7805 | 7880 | 8085 | 8085 | 8085 | 2480 | 2480 | 2420 | 2195 | 2195 | 2215 | 191 | 221 | 220 | 1050 | 1300 | 1600 |
| | RTFM750 | 7500 | 3180 | 3180 | 3200 | 8105 | 8105 | 8180 | 8385 | 8385 | 8385 | 2580 | 2580 | 2520 | 2295 | 2295 | 2315 | 191 | 221 | 220 | 1000 | 1200 | 1500 |
| | RTFM800 | 8000 | 3350 | 3350 | 3370 | 8605 | 8605 | 8680 | 8885 | 8885 | 8885 | 2750 | 2750 | 2685 | 2460 | 2460 | 2480 | 191 | 221 | 220 | 800 | 1000 | 1300 |
| | RTFM820 | 8200 | / | 3435 | 3435 | / | 8880 | 8880 | / | 9085 | 9085 | / | 2755 | 2755 | / | 2545 | 2545 | / | 221 | 220 | / | 950 | 1250 |
| | RTFM850 | 8500 | / | 3535 | 3535 | / | 9180 | 9180 | / | 9385 | 9385 | / | 2855 | 2855 | / | 2645 | 2645 | / | 221 | 220 | / | 900 | 1200 |
| | RTFM900 | 9000 | / | 3700 | 3700 | / | 9680 | 9680 | / | 9885 | 9885 | / | 3020 | 3020 | / | 2815 | 2815 | / | 221 | 220 | / | 800 | 1100 |
| | RTFM920 | 9200 | / | 3770 | 3770 | / | 9880 | 9880 | / | 10085 | 10085 | / | 3085 | 3085 | / | 2880 | 2880 | / | 221 | 220 | / | 700 | 1000 |
| | RTFM950 | 9500 | / | 3870 | 3870 | / | 10180 | 10180 | / | 10385 | 10385 | / | 3185 | 3185 | / | 2980 | 2980 | / | 221 | 220 | / | 600 | 950 |
| | RTFM1000 | 10000 | / | 4035 | 4035 | / | 10680 | 10680 | / | 10885 | 10885 | / | 3355 | 3355 | / | 3150 | 3150 | / | 221 | 220 | / | 500 | 800 |

SAMUK




REACH TRUCK 1.6-2.5T

A SERIES

## M SERIES 1.6-2.0t 3-wheel electric forklift

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Specification | 1 | Model | | | FB16S-MJZ | FB18S-MJZ | FB20S-MJZ |
| | 2 | Rated capacity | | kg | 1600 | 1800 | 2000 |
| | 3 | Load centre | | mm | 500 | 500 | 500 |
| | 4 | Lifting height | | mm | 3000 | 3000 | 3000 |
| | 5 | Free lifting height | | mm | 0 | 0 | 0 |
| | 6 | Fork size | T×W×L | mm | 35×100×920 | 35×100×920 | 35×100×920 |
| | 7 | Tilting angle | F/R（α°/β°） | Deg | 6.5°/6.5° | 6.5°/6.5° | 6.5°/6.5° |
| Dimensions | 8 | Overall Dimension | Length（to forkface） | mm | 1979 | 1979 | 2094 |
| | 9 | | Width | mm | 1070 | 1070 | 1140 |
| | 10 | | Height when mast lowered | mm | 1975 | 1975 | 1975 |
| | 11 | | Height when mast extended | mm | 4010 | 4010 | 4010 |
| | 12 | | Height to safeguard | mm | 1971 | 1971 | 2011 |
| | 13 | Turning radius | Min. | mm | 1643 | 1643 | 1758 |
| | 14 | Front overhang | | mm | 371 | 371 | 371 |
| | 15 | Tread | F/R | mm | 924/186 | 924/186 | 942/186 |
| | 16 | Ground clearance | Min. | mm | 90 | 90 | 90 |
| | 17 | Wheelbase | | mm | 1400 | 1400 | 1515 |
| | 18 | Fork spread | Min./Max. | mm | 200/890 | 200/890 | 200/890 |
| | 19 | Working aisle width with pallet(Ast)* | 1000×1200 crossways | mm | 3340 | 3340 | 3445 |
| | 20 | | 800×1200 lengthways | mm | 3464 | 3464 | 3579 |
| Performance | 21 | Speed | Travel(Laden) | km/h | 13 | 13 | 13 |
| | 22 | | Travel(Unladen) | km/h | 13 | 13 | 13 |
| | 23 | | Lifting(Laden) | mm/s | 290 | 280 | 255 |
| | 24 | | Lifting(Unladen) | mm/s | 445 | 435 | 435 |
| | 25 | Gradeability | Laden | % | 15 | 15 | 15 |
| | 26 | | Unladed | % | 15 | 15 | 15 |
| | 27 | Service weight | Include battery box | kg | 3080 | 3140 | 3430 |
| | 28 | Tyre | Front×2 | | 18×7-8 | 18×7-8 | 200/50-10 |
| | 29 | | Rear×2 | | $15\times4^{1/2}$-8 | $15\times4^{1/2}$-8 | $15\times4^{1/2}$-8 |
| Driven | 30 | Motor | Driven motor | kw | 4×2 | 4×2 | 4×2 |
| | 31 | | Pump motor | kw | 9.2 | 11 | 11 |
| | 32 | Battery | Standard(Option) | V/Ah | 48/500 | 48/500 | 48/620 |
| | 33 | Controller | Type | | AC | AC | AC |
| | 34 | | Manufacturer | | ZAPI | ZAPI | ZAPI |
| | 35 | Operating pressure for attachment | | Mpa | 14.5 | 14.5 | 17.5 |

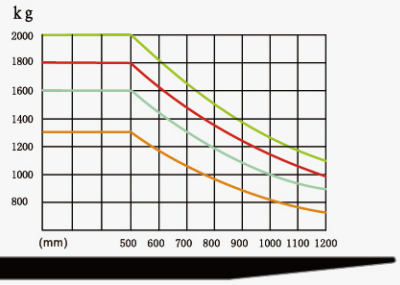
SAMUK

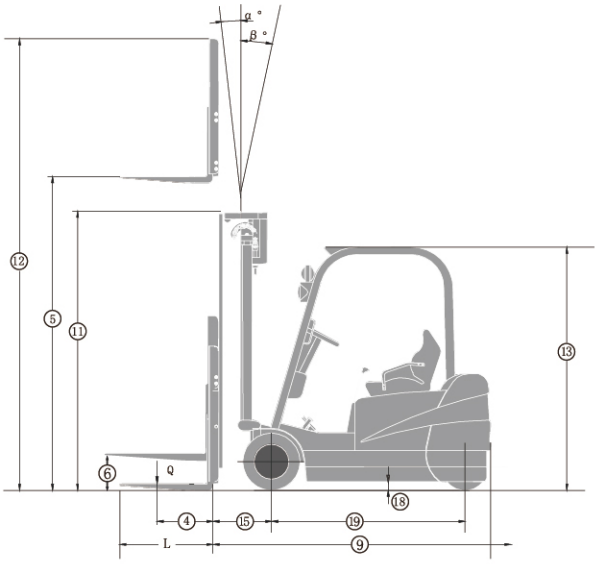
## M SERIES 1.6-2.0t 3-wheel electric forklift mast

| Type | Model | Max. fork height | Overall height | | | Free lift | | Front Overhang | Tilt range | | Capacity | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lowered | Extended | | Without backrest | with backrest | | FWD | BWD | load capacity at 500mm | | |
| | | | | Without backrest | With backrest | | | | | | Single tyre | | |
| | | | | | | | | | | | 1.6t | 1.8t | 2.0t |
| | | mm | mm | mm | mm | mm | mm | mm | Deg | Deg | kg | kg | kg |
| 2-stage mast | BM250 | 2500 | 1725 | 3010 | 3480 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM270 | 2700 | 1825 | 3210 | 3680 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM300 | 3000 | 1975 | 3510 | 4010 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM330 | 3300 | 2125 | 3810 | 4280 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM350 | 3500 | 2225 | 4010 | 4480 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM370 | 3700 | 2325 | 4210 | 4680 | 0 | 0 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BM400 | 4000 | 2525 | 4510 | 4980 | 0 | 0 | 371 | 3.5 | 5 | 1600 | 1800 | 2000 |
| | BM425 | 4250 | 2650 | 4760 | 5280 | 0 | 0 | 371 | 3.5 | 5 | 1500 | 1700 | 1900 |
| | BM450 | 4500 | 2775 | 5025 | 5480 | 0 | 0 | 371 | 3.5 | 5 | 1400 | 1600 | 1800 |
| | BM550 | 5500 | 3325 | 6025 | 6480 | 0 | 0 | 371 | 3.5 | 5 | 1150 | 1200 | 1300 |
| ffull free 2-stage mast | BFM250 | 2500 | 1725 | 3010 | 3465 | 1200 | 760 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM270 | 2700 | 1825 | 3210 | 3665 | 1300 | 860 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM300 | 3000 | 1975 | 3510 | 3965 | 1450 | 1010 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM330 | 3300 | 2125 | 3810 | 4265 | 1600 | 1160 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM350 | 3500 | 2225 | 4010 | 4465 | 1700 | 1260 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM370 | 3700 | 2325 | 4210 | 4665 | 1800 | 1360 | 371 | 6.5 | 6.5 | 1600 | 1800 | 2000 |
| | BFM400 | 4000 | 2525 | 4510 | 4965 | 2000 | 1560 | 371 | 3.5 | 5 | 1600 | 1800 | 2000 |
| Full free 3-stage mast | BTFM435 | 4350 | 1975 | 4860 | 5330 | 1425 | 995 | 371 | 3.5 | 5 | 1500 | 1700 | 1900 |
| | BTFM450 | 4500 | 2025 | 5010 | 5480 | 1475 | 1045 | 371 | 3.5 | 5 | 1400 | 1600 | 1800 |
| | BTFM480 | 4800 | 2125 | 5310 | 5780 | 1575 | 1145 | 371 | 3.5 | 5 | 1300 | 1500 | 1650 |
| | BTFM500 | 5000 | 2225 | 5510 | 5980 | 1675 | 1245 | 371 | 3.5 | 5 | 1250 | 1450 | 1500 |
| | BTFM550 | 5500 | 2390 | 6010 | 6480 | 1840 | 1410 | 371 | 3.5 | 5 | 1150 | 1200 | 1300 |
| | BTFM600 | 6000 | 2575 | 6510 | 6980 | 2025 | 1595 | 371 | 3.5 | 5 | 1050 | 1100 | 1200 |
| | BTFM650 | 6500 | 2790 | 7010 | 7480 | 2205 | 1775 | 371 | 3.5 | 5 | 900 | 950 | 1000 |

Load Chart

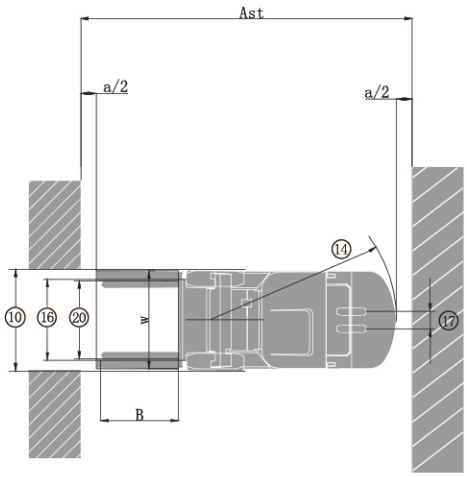
LIFT HEIGHT≤3000 mm






a=200 mm safety clearance

$$AST=a+⑭+⑮+\sqrt{W^2+(B/2)^2}$$




3-WHEEL FORKLIFT 1.6-2T

M SERIES

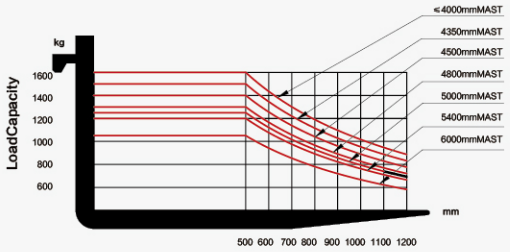
SAMUK

## M SERIES 1.6t rear drive 3-wheel electric forklift

| | | | | | |
|---|---|---|---|---|---|
| Specification | 1 | Model | | | FB16S-MHJZ |
| | 2 | Power | | | Electric |
| | 3 | Rated capacity | | kg | 1600 |
| | 4 | Load centre | | mm | 500 |
| | 5 | Lifting height | | mm | 3000 |
| | 6 | Free lifting height | | mm | 0 |
| | 7 | Fork size | T×W×L | mm | 920×100×35 |
| Dimensions | 8 | Tilting angle | F/R（α°/β°） | Deg | 3°/6° |
| | 9 | Overall Dimension | Length （to forkface） | mm | 1919 |
| | 10 | | Width | mm | 1078 |
| | 11 | | Height when mast lowered | mm | 1975 |
| | 12 | | Height when mast extended | mm | 4010 |
| | 13 | | Height to safeguard | mm | 1952 |
| | 14 | Turning radius | | mm | 1544 |
| | 15 | Front overhang | | mm | 376 |
| | 16 | Tread | F/R | mm | 930/0 |
| | 17 | Ground clearance Min. | | mm | 85 |
| | 18 | Wheelbase | | mm | 1245 |
| | 19 | Fork spread | Min./Max. | mm | 200/890 |
| | 20 | Working aisle width with pallet(Ast)* | 1000×1200 crossways | mm | 3245 |
| Performance | 21 | | 800×1200 lengthways | mm | 3370 |
| | 22 | Speed | Travel(Laden) | km/h | 12 |
| | 23 | | Travel(Unladen) | km/h | 13 |
| | 24 | | Lifting(Laden) | mm/s | 280 |
| | 25 | | Lifting(Unladen) | mm/s | 440 |
| | 26 | Gradeability | Laden | % | 10 |
| | 27 | | Unladed | % | 10 |
| | 28 | Service weight | Include battery box | kg | 3240 |
| | 29 | Tyre | Front×2 | | 18×7-8 |
| Driven | 30 | | Rear×1 | | 18×7-8 |
| | 31 | Motor | Driven motor | kw | 4.5 |
| | 32 | | Pump motor | kw | 11 |
| | 33 | Battery | Standard(Option) | V/Ah | 48/400 |
| | 34 | Operating pressure for attachment | | Mpa | 14.5 |

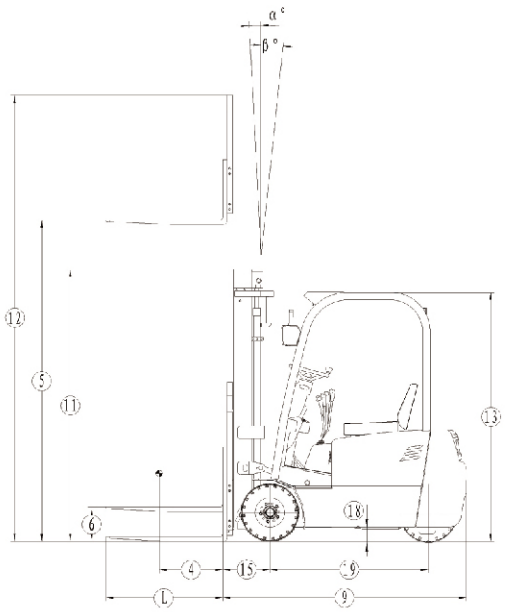
# M SERIES 1.6t rear drive 3-wheel electric forklift mast

| Type | Model | Max. fork height | Overall height | | | Free lift | | Front Overhang | Tilt range | | Capacity |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lowered | Extended | | Without backrest | with backrest | | FWD | BWD | load capacity at 500mm |
| | | | | Without backrest | With backrest | | | | | | Single tyre |
| | | | | | | | | | | | 1.6t |
| | | mm | mm | mm | mm | mm | mm | mm | Deg | Deg | kg |
| 2-stage mast | BM250 | 2500 | 1725 | 3010 | 3480 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM270 | 2700 | 1825 | 3210 | 3680 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM300 | 3000 | 1975 | 3510 | 4010 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM330 | 3300 | 2125 | 3810 | 4280 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM350 | 3500 | 2225 | 4010 | 4480 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM370 | 3700 | 2325 | 4210 | 4680 | 0 | 0 | 371 | 3 | 5 | 1600 |
| | BM400 | 4000 | 2525 | 4510 | 4980 | 0 | 0 | 371 | 3 | 3 | 1600 |
| | BM425 | 4250 | 2650 | 4760 | 5280 | 0 | 0 | 371 | 3 | 3 | 1500 |
| | BM450 | 4500 | 2775 | 5025 | 5480 | 0 | 0 | 371 | 3 | 3 | 1400 |
| | BM500 | 5000 | 3025 | 5525 | 5980 | 0 | 0 | 371 | 3 | 3 | 1250 |
| | BM550 | 5500 | 3325 | 6025 | 6480 | 0 | 0 | 371 | 3 | 3 | 1150 |
| | BM600 | 6000 | 3575 | 6525 | 6980 | 0 | 0 | 371 | 3 | 3 | 1050 |
| ffull free 2-stage mast | BFM250 | 2500 | 1725 | 3010 | 3465 | 1230 | 725 | 371 | 3 | 5 | 1600 |
| | BFM270 | 2700 | 1825 | 3210 | 3665 | 1330 | 825 | 371 | 3 | 5 | 1600 |
| | BFM300 | 3000 | 1975 | 3510 | 3965 | 1480 | 975 | 371 | 3 | 5 | 1600 |
| | BFM330 | 3300 | 2125 | 3810 | 4265 | 1630 | 1125 | 371 | 3 | 5 | 1600 |
| | BFM350 | 3500 | 2225 | 4010 | 4465 | 1730 | 1225 | 371 | 3 | 5 | 1600 |
| | BFM370 | 3700 | 2325 | 4210 | 4665 | 1830 | 1325 | 371 | 3 | 5 | 1600 |
| | BFM400 | 4000 | 2525 | 4510 | 4965 | 2030 | 1525 | 371 | 3 | 3 | 1600 |
| | BFM450 | 4500 | 2775 | 5010 | 5465 | 2280 | 1775 | 371 | 3 | 3 | 1400 |
| | BFM500 | 5000 | 3025 | 5510 | 5965 | 2580 | 2025 | 371 | 3 | 3 | 1250 |
| | BFM550 | 5500 | 3325 | 6010 | 6465 | 2830 | 2325 | 371 | 3 | 3 | 1150 |
| | BFM600 | 6000 | 3575 | 6510 | 6965 | 3080 | 2575 | 371 | 3 | 3 | 1050 |
| Full free 3-stage mast | BTFM360 | 3600 | 1725 | 4110 | 4580 | 1210 | 705 | 371 | 3 | 3 | 1600 |
| | BTFM400 | 4000 | 1850 | 4510 | 4980 | 1335 | 830 | 371 | 3 | 3 | 1600 |
| | BTFM435 | 4350 | 1975 | 4860 | 5330 | 1425 | 995 | 371 | 3 | 3 | 1500 |
| | BTFM450 | 4500 | 2025 | 5010 | 5480 | 1475 | 1045 | 371 | 3 | 3 | 1400 |
| | BTFM480 | 4800 | 2125 | 5310 | 5780 | 1575 | 1145 | 371 | 3 | 3 | 1300 |
| | BTFM500 | 5000 | 2225 | 5510 | 5980 | 1675 | 1245 | 371 | 3 | 3 | 1250 |
| | BTFM550 | 5500 | 2390 | 6010 | 6480 | 1840 | 1410 | 371 | 3 | 3 | 1150 |
| | BTFM600 | 6000 | 2575 | 6510 | 6980 | 2025 | 1595 | 371 | 3 | 3 | 1050 |
| | BTFM650 | 6500 | 2790 | 7010 | 7480 | 2240 | 1710 | 371 | 3 | 3 | 900 |



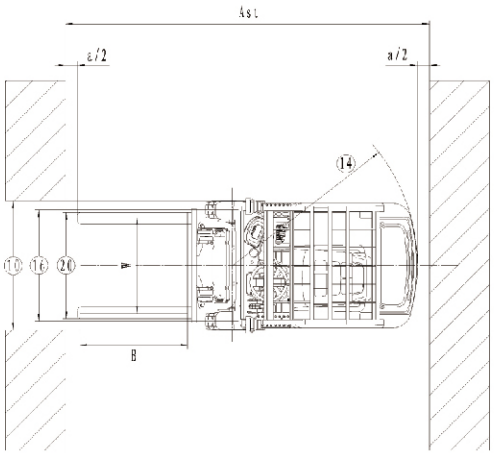

LoadCurve

SAMUK




a=200 mm safety clearance

$$Ast = a + 14 + 15 + \sqrt{W^2 + (B/2)^2}$$




3-WHEEL FORKLIFT 1.6-2T

M SERIES

# COMPANY MEMORABILIA

| | | |
|---|---|---|
| 2005 | Dec | Zhejiang Maximal Forklift Co., Ltd was officially established. |
| 2006 | Oct | M series forklifts displayed at the 100th Canton fair. |
| 2007 | Nov | Maximal phase I project of the new factory finished. |
| 2008 | Jan | Structure of electric forklift was further optimized. |
| | Nov | Maximal was appointed by the General Logistics Department of the People's Liberation Army(PLA) to be supplier for Military Equipment. |
| 2009 | Mar | 4.0T&5.0T and 8.0-10.0T diesel forklift were launched to enrich M Series. |
| | May | Maximal started to prepare the R&D of 16.0-18.0T diesel forklift. |
| 2010 | Nov | The first 4.5T electric forklift and 25.0T heavy duty forklift were displayed on Shanghai CeMAT. |
| | Dec | Maximal and Military Transportation University reached |
| 2012 | | Maximal was honored as "state-level high-tech enterprise". |
| 2013 | May | Maximal 2WD 2.5/3.5T Rough Terrain forklift was launched to the market. |
| | July | Maximal Empty Container Handler was officially developed. |
| 2014 | Jun | Maximal electric stackers & pallet trucks were put into market. |
| | Aug | Maximal 2WD Rough Terrain forklift were extended to 4.0/5.0T. |
| | Dec | Maximal phase II project was finished. |
| 2015 | May | Maximal 3.5T 4WD Rough Terrain forklift was successfully developed. First Reach Stacker successfully was sold in domestic market. |
| 2016 | July | Maximal won the Chinese well-known trademark. |
| | Oct | 1.8-3.5T C. 4WD Hydraulic rough terrain forklift was successfully launched. |
| 2018 | July | 3.5-4.5T Sider-loader forklift was lanuched; Electric forklift with lithium battery started to be developed; 1.6-2.5T A series Reach truck was lanuched. |
| | June | **Hyster-Yale and Maximal offcially completed its acquisition, Zhejiang Maximal Forklift Co., Ltd. renamed to Hyster-Yale Maximal Forklift (Zhejiang) Co., Ltd, began a new start.** |

**Address:** Samuk Lift Trucks Limited
Units 1-4 Knowle Hill Business Park
Knowle Hill
Hurley
Warwickshire
CV9 2JE

**Tel:** 01827 874728
**Website:** www.samukforklifts.co.uk

**Manufactured By**

Hangzhou SAMUK Materials Handling Equipment Co. Ltd
Address: Room 15011, Yuejiang Business Center, 857 Xincheng Road, Puyan Subdistrict,
Binjiang District, Hangzhou, Zhejiang, China

All rights reserved.
If in doubt, please conatct us.

CE CERTIFICATE ISO 14001:2004 ISO 9001:2000