

ELECTRIC FORKLIFT CHARACTER



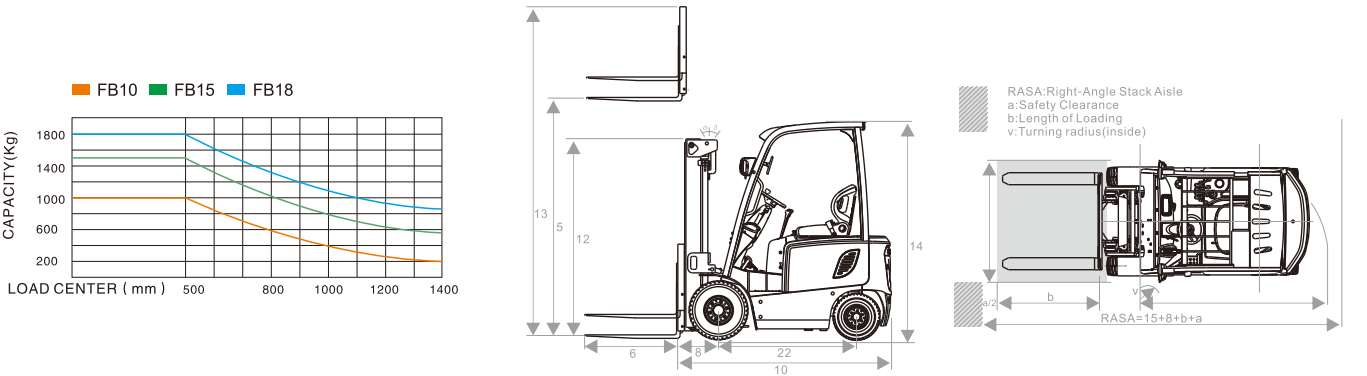
- Spacious workplace: Ample leg room helps to provide a relaxed, working environment, keeping the operator relaxed and focused throughout the working day for maximum productivity.
- Adjustable Steering wheel and safety seat.
- Humanized right-side hydraulic operation handle and emergency power-off button.
- Super low Non-slip pedal.
- Full-view mast and fork carriage ensure operator's excellent operation vision.
- High-strength overhead guard.
- The controller is directly fixed in the balanced weight to lead better heat dissipation.
- Side cover can be quickly removed without any tools. Hood cover open angle $\geq 90^\circ$, makes a convenient battery maintenance.
- Waterproof, dustproof and shockproof LCD instrument.
- Motor: side-mounted pump motor makes easier maintenance.

4-WHEEL
1.0-1.8Ton
ELECTRIC FORKLIFT



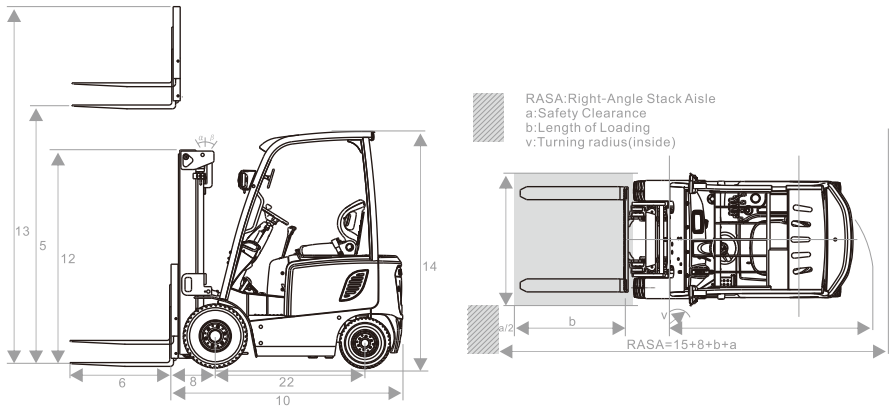
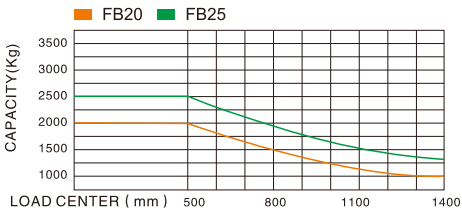
1.0-1.8 TON 4-WHEEL ELECTRIC FORKLIFT MAST											
Type	Model	Lift Height (mm)	Load Capacity (kg)			Overall Height (mm)			Free Lift (mm)		Tilt Angle
						1.0-1.8t			1.0-1.8t		
			1t	1.5t	1.8t	Mast Lowered	Mast Extended		Mast Extended		F/R(deg)
							With Backrest	Without Backrest	With Backrest	Without Backrest	
Wide view 2-stage mast	M200	2000	1000	1500	1800	1495	2940	2540	-	-	6/12
	M250	2500	1000	1500	1800	1745	3440	3040	-	-	6/12
	M300	3000	1000	1500	1800	1995	3940	3540	-	-	6/12
	M330	3300	1000	1500	1800	2145	4240	3840	-	-	6/12
	M350	3500	1000	1500	1800	2245	4440	4040	-	-	6/12
	M370	3700	1000	1500	1800	2345	4640	4240	-	-	6/12
	M400	4000	950*1000	1400*1500	1600*1800	2545	4940	4540	-	-	6/12
	M450	4500	900*950	1350*1400	1350*1600	2795	5440	5040	-	-	6/6
	M500	5000	900*930	1100*1300	1150*1500	3045	5940	5540	-	-	6/6
	M550	5500	700*900	800*1200	850*1400	3345	6540	6040	-	-	3/6
Full free 2-stage mast	M600	6000	450*850	550*1000	550*1150	3595	6940	6540	-	-	3/6
	Z200	2000	1000	1500	1800	1495	2950	2550	485	885	6/12
	Z250	2500	1000	1500	1800	1745	3450	3050	735	1135	6/12
	Z300	3000	1000	1500	1800	1995	3950	3550	985	1385	6/12
	Z330	3300	1000	1500	1800	2145	4250	3850	1135	1535	6/12
	Z350	3500	1000	1500	1800	2245	4450	4050	1235	1635	6/12
	Z370	3700	1000	1500	1800	2345	4650	4250	1360	1760	6/12
	Z400	4000	950*1000	1400*1500	1600*1800	2545	4950	4550	1535	1935	6/12
Full free 3-stage mast	S370	3700	1000	1500	1800	1745	4545	4140	790	1190	6/6
	S400	4000	900*1000	1400*1500	1600*1800	1870	4945	4440	915	1315	6/6
	S435	4350	900*950	1300*1400	1550*1700	1955	5295	4890	1000	1400	6/6
	S450	4500	900*930	1350*1400	1350*1600	2045	5445	5040	1090	1490	6/6
	S480	4800	850*900	1300*1350	1250*1550	2145	5745	5340	1190	1590	6/6
	S500	5000	700*900	1100*1300	1150*1500	2245	5945	5540	1290	1690	6/6
	S550	5500	650*800	800*1200	850*1400	2410	6445	6040	1455	1855	3/6
	S600	6000	450*750	550*1000	550*1150	2595	6945	6540	1620	2020	3/6

1.0-1.8 TON 4-WHEEL ELECTRIC FORKLIFT							
General	1	Model			FB10	FB15	FB18
	2	Power Type			Electric	Electric	Electric
	3	Rated Capacity		kg	1000	1500	1800
	4	Load Centre		mm	500	500	500
Characreristic&Dimension	5	Lift Height		mm	3000	3000	3000
	6	Fork Size	L×W×T	mm	920x120x35	920x120x35	920x120x35
	7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°	6°/12°
	8	Front Overhang (Wheel center to fork face)		mm	420	420	420
	9	Tread	F/R	mm	890/920	890/920	890/920
	10	Ground Clearance (Bottom of mast)		mm	115	115	115
	11	Fork Spread	Min. / Max.	mm	240/970	240/970	240/970
	12	Overall Dimension	Length to face of fork(Without fork)	mm	2150	2150	2150
	13		Overall Width	mm	1090	1090	1090
	14		Mast Lowered Height	mm	1995	1995	1995
	15		Mast Extended Height(With backrest)	mm	3945	3945	3945
	16		Overhead Guard Height	mm	2170	2170	2170
	17	Turning Radius (outside)		mm	1950	1950	1950
	18	Min. insecting aisle		mm	2050	2050	2050
Performance	19	Speed	Travel (Empty load)	km/h	15	15	15
	20		Lifting(Full load)	mm/s	310	280	250
	21	Max.Gradeability		%	15	15	15
Chassis	22	Tire	Front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	23		Rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR
	24	Wheelbase		mm	1380	1380	1380
	25	Service weight		kg	2920	3070	3220
Power&Transmission	26	Motor	Drive Motor	kw	8	8	8
	27		Lift Motor	kw	8.6	8.6	8.6
	28	Battery	Voltage/Capacity	V/Ah	48/400	48/440	48/495
	29	Controller	Manufacturer		CURTIS	CURTIS	CURTIS
	30		Type		AC	AC	AC
	31	Operating Pressure for Attachment		Mpa	14.5	14.5	14.5



4-WHEEL ELECTRIC FORKLIFT 2.0-2.5 TON

General	1	Model			FB20	FB25
	2	Power Type			Electric	Electric
	3	Rated Capacity		kg	2000	2500
	4	Load Centre		mm	500	500
Characreristic&Dimension	5	Lift Height		mm	3000	3000
	6	Fork Size	L×W×T	mm	1070x120x40	1070x120x40
	7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°
	8	Front Overhang (Wheel center to fork face)		mm	465	465
	9	Tread	F/R	mm	960/950	960/950
	10	Ground Clearance (Bottom of mast)		mm	110	110
	11	Fork Spread	Min. / Max.	mm	240/1020	240/1020
	12	Overall Dimension	Length to face of fork(Without fork)	mm	2360	2360
	13		Overall Width	mm	1160	1160
	14		Mast Lowered Height	mm	2070	2070
	15		Mast Extended Height(With backrest)	mm	4020	4020
	16		Overhead Guard Height	mm	2240	2240
	17	Turning Radius (outside)		mm	2075	2075
Performance	18	Min. insecting aisle		mm	2250	2250
	19	Speed	Travel (Empty load)	km/h	15	15
	20		Lifting(Full load)	mm/s	300	270
Chassis	21	Max.Gradeability		%	15	15
	22	Tire	Front		7.00-12-12 PR	7.00-12-12 PR
	23		Rear		18x7-8-14 PR	18x7-8-14 PR
	24	Wheelbase		mm	1510	1510
	25	Service weight		kg	4170	4410
Power&Transmission	26	Motor	Drive Motor	kw	11	11
	27		Lift Motor	kw	8.6	8.6
	28	Battery	Voltage/Capacity	V/Ah	48/560	48/630
	29	Controller	Manufacturer		CURTIS	CURTIS
	30		Type		AC	AC
	31	Operating Pressure for Attachment		Mpa	17.5	17.5



2.0-2.5 TON 4-WHEEL ELECTRIC FORKLIFT MAST

Type	Model	Lift Height (mm)	Load Capacity (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle
					2.0-2.5t			2.0-2.5t		
					Mast Lowered	Mast Extended		Mast Extended		
			2t	2.5t		With Backrest	Without Backrest	With Backrest	Without Backrest	F/R(deg)
Wide view 2-stage mast	M200	2000	2000	2500	1570	3050	2620	-	-	6/12
	M250	2500	2000	2500	1820	3550	3120	-	-	6/12
	M300	3000	2000	2500	2070	4050	3620	-	-	6/12
	M330	3300	2000	2500	2220	4350	3920	-	-	6/12
	M350	3500	2000	2500	2320	4550	4120	-	-	6/12
	M370	3700	2000	2500	2420	4750	4320	-	-	6/12
	M400	4000	2000	2500	2570	5050	4620	-	-	6/12
	M450	4500	1800*1900	2150*2400	2820	5550	5120	-	-	6/6
	M500	5000	1600*1700	1700*2200	3120	6050	5620	-	-	6/6
	M550	5500	1550*1600	1550*1950	3370	6550	6120	-	-	3/6
M600	6000	950*1500	1000*1800	3670	7050	6620	-	-	3/6	
Full free 2-stage mast	Z200	2000	2000	2500	1570	3050	2620	530	875	6/12
	Z250	2500	2000	2500	1820	3550	3120	780	1125	6/12
	Z300	3000	2000	2500	2070	4050	3620	1030	1375	6/12
	Z330	3300	2000	2500	2220	4350	3920	1180	1525	6/12
	Z350	3500	2000	2500	2320	4550	4120	1280	1625	6/12
	Z370	3700	2000	2500	2420	4750	4320	1380	1725	6/12
	Z400	4000	2000	2500	2620	5050	4620	1880	2225	6/12
Full free 3-stage mast	S370	3700	2000	2500	1865	4750	4425	835	1160	6/12
	S400	4000	1900	2400	1965	5050	4725	935	1260	6/6
	S435	4350	1850*1900	2200*2400	2080	5370	5045	1050	1375	6/6
	S450	4500	1750*1800	2150*2300	2130	5520	5195	1100	1425	6/6
	S480	4800	1700*1800	1950*2300	2230	5820	5495	1200	1525	6/6
	S500	5000	1600*1750	1650*2250	2295	6020	5695	1265	1590	6/6
	S550	5500	1450*1700	1500*2150	2495	6520	6195	1470	1795	3/6
	S600	6000	950*1600	1000*1800	2665	7020	6695	1630	1955	3/6

4-WHEEL
2.0-2.5Ton
ELECTRIC FORKLIFT

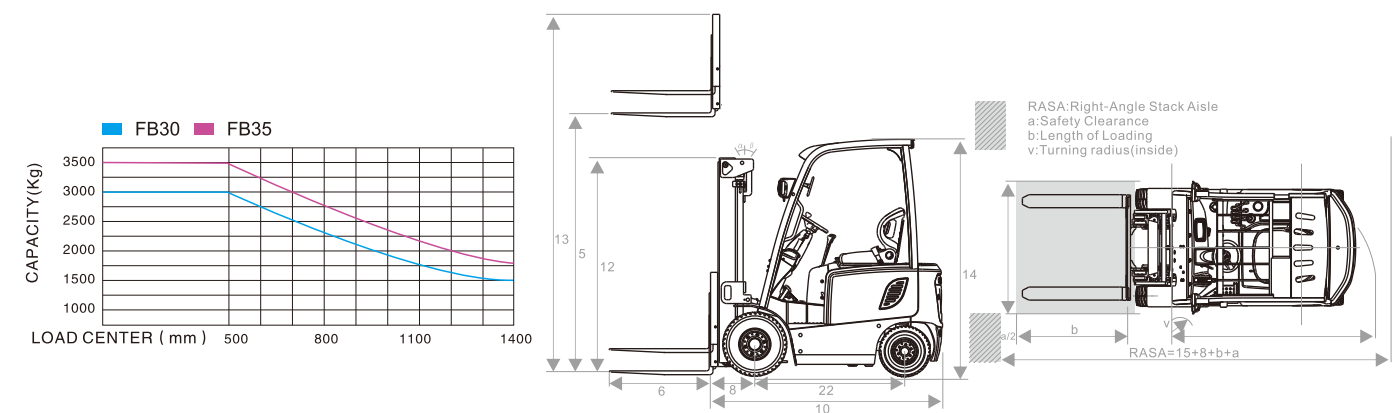


4-WHEEL 3.0-3.5Ton ELECTRIC FORKLIFT



Type	Model	Lift Height (mm)	Load Capacity (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle
					3.0-3.5t			3.0-3.5t		
			3t	3.5t	Mast Lowered	Mast Extended		Mast Extended		F/R(deg)
With Backrest	Without Backrest	With Backrest				Without Backrest				
Wide view 2-stage mast	M200	2000	3000	3500	1650	3160	2660	-	-	6/12
	M250	2500	3000	3500	1900	3660	3160	-	-	6/12
	M300	3000	3000	3500	2150	4160	3660	-	-	6/12
	M330	3300	3000	3500	2300	4460	3960	-	-	6/12
	M350	3500	3000	3500	2400	4660	4160	-	-	6/12
	M370	3700	3000	3500	2500	4860	4360	-	-	6/12
	M400	4000	2950*3000	3200*3500	2700	5160	4660	-	-	6/12
	M450	4500	2750*3000	3000*3050	2950	5660	5160	-	-	6/6
	M500	5000	2400*2550	2500*2850	3200	6160	5660	-	-	6/6
	M550	5500	2250*2400	2300*2500	3500	6660	6160	-	-	3/6
M600	6000	1500*2200	1800*2300	3750	7160	6660	-	-	3/6	
Full free 2-stage mast	Z200	2000	3000	3500	1570	3050	2620	470	865	6/12
	Z250	2500	3000	3500	1820	3550	3120	720	1115	6/12
	Z300	3000	3000	3500	2070	4050	3620	970	1365	6/12
	Z330	3300	3000	3500	2220	4350	3920	1120	1515	6/12
	Z350	3500	3000	3500	2320	4550	4120	1220	1615	6/12
	Z370	3700	3000	3500	2420	4750	4320	1320	1715	6/12
	Z400	4000	2900*3000	3300*3500	2620	5050	4620	1820	1965	6/12
Full free 3-stage mast	S370	3700	2900	3500	1895	4870	4410	695	1155	6/12
	S400	4000	2900	3500	1995	5170	4710	795	1255	6/6
	S435	4350	2800*2900	3000*3300	2110	5520	5060	910	1370	6/6
	S450	4500	2700*2800	2900*3100	2160	5670	5210	960	1420	6/6
	S480	4800	2500*2800	2600*2900	2260	5970	5510	1060	1520	6/6
	S500	5000	2300*2550	2400*2800	2325	6170	5710	1130	1590	6/6
	S550	5500	2200*2400	2300*2500	2525	6670	6210	1335	1795	3/6
	S600	6000	1500*2100	1550*2200	2695	7170	6710	1465	1925	3/6

4-WHEEL ELECTRIC FORKLIFT 3.0-3.5 TON						
General	1	Model			FB30	FB35
	2	Power Type			Electric	Electric
	3	Rated Capacity		kg	3000	3500
	4	Load Centre		mm	500	500
Characeristic&Dimension	5	Lift Height		mm	3000	3000
	6	Fork Size	L×W×T	mm	1070×125×45	1070×125×50
	7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°
	8	Front Overhang (Wheel center to fork face)		mm	480	480
	9	Tread	F/R	mm	1000/980	1000/980
	10	Ground Clearance (Bottom of mast)		mm	120	120
	11	Fork Spread	Min. / Max.	mm	250/1100	250/1100
	12	Overall Dimension	Length to face of fork(Without fork)	mm	2560	2560
	13		Overall Width	mm	1230	1230
	14		Mast Lowered Height	mm	2120	2120
	15		Mast Extended Height(With backrest)	mm	4160	4160
	16		Overhead Guard Height	mm	2250	2250
	17	Turning Radius (outside)		mm	2315	2315
18	Min. insecting aisle		mm	2425	2425	
Performance	19	Speed	Travel (Empty load)	km/h	15	15
	20		Lifting(Full load)	mm/s	300	280
	21	Max.Gradeability		%	15	15
Chassis	22	Tire	Front	28×9-15-12PR		28×9-15-12PR
	23		Rear	18×7-8-14 PR	18×7-8	
	24	Wheelbase		mm	1710	1710
	25	Service weight		kg	5100	5350
Power&Transmission	26	Motor	Drive Motor	kw	15	15
	27		Lift Motor	kw	12	12
	28	Battery	Voltage/Capacity	V/Ah	80/500	80/550
	29	Controller	Manufacturer		CURTIS	CURTIS
	30		Type		AC	AC
	31	Operating Pressure for Attachment		Mpa	17.5	17.5



4-WHEEL
4.5-6.0Ton
ELECTRIC FORKLIFT

New Product Release



4-WHEEL ELECTRIC FORKLIFT 4.5-6.0 TON

General	1	Model			FB45	FB50	FB60
	2	Power Type			Electric	Electric	Electric
	3	Rated Capacity		kg	4500	5000	6000
	4	Load Centre		mm	500	500	500
Characreristic&Dimension	5	Lift Height		mm	3000	3000	3000
	6	Fork Size	L×W×T	mm	1070x150x50	1070x150x50	1070x150x50
	7	Mast Tilt Angle	F/R	Deg	6°/9°	6°/9°	6°/9°
	8	Front Overhang (Wheel center to fork face)		mm	555	555	555
	9	Tread	F/R	mm	1280/1190	1280/1190	1280/1190
	10	Ground Clearance (Bottom of mast)		mm	160	160	160
	11	Fork Spread	Min. / Max.	mm	300/1380	300/1380	300/1380
	12	Overall Dimension	Length to face of fork(Without fork)	mm	3030	3030	3030
	13		Overall Width	mm	1600	1600	1600
	14		Mast Lowered Height	mm	2330	2330	2330
	15		Mast Extended Height(With backrest)	mm	4255	4255	4255
	16		Overhead Guard Height	mm	2255	2255	2255
	17	Turning Radius (outside)		mm	2755	2755	2755
	18	Min. insecting aisle		mm	2955	2955	2955
Performance	19	Speed	Travel (Empty load)	km/h	14	14	14
	Lifting(Full load)		mm/s	250	220	220	
	21	Max.Gradeability		%	15	15	15
Chassis	22	Tire	Front		2.8x12.5-15-24 PR	2.8x12.5-15-24 PR	2.8x12.5-15-24 PR
	23		Rear		7.00-12-14 PR	7.00-12-14 PR	7.00-12-14 PR
	24	Wheelbase		mm	2000	2000	2000
	25	Service weight		kg	7500	7800	8200
Power&Transmission	26	Motor	Drive Motor	kw	9.1x2	9.1x2	9.1x2
	27		Lift Motor	kw	25.4	25.4	25.4
	28	Battery	Voltage/Capacity	V/Ah	80/600	80/700	80/800
	29	Controller	Manufacturer		CURTIS	CURTIS	CURTIS
	30		Type		AC	AC	AC
	31	Operating Pressure for Attachment		Mpa	17.5	17.5	17.5



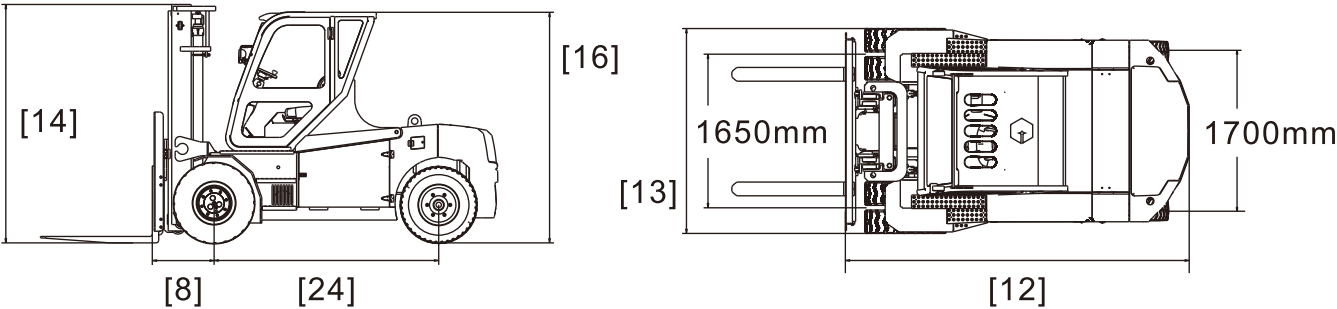
4-WHEEL
8.0-12.0Ton
ELECTRIC FORKLIFT

New Product Release



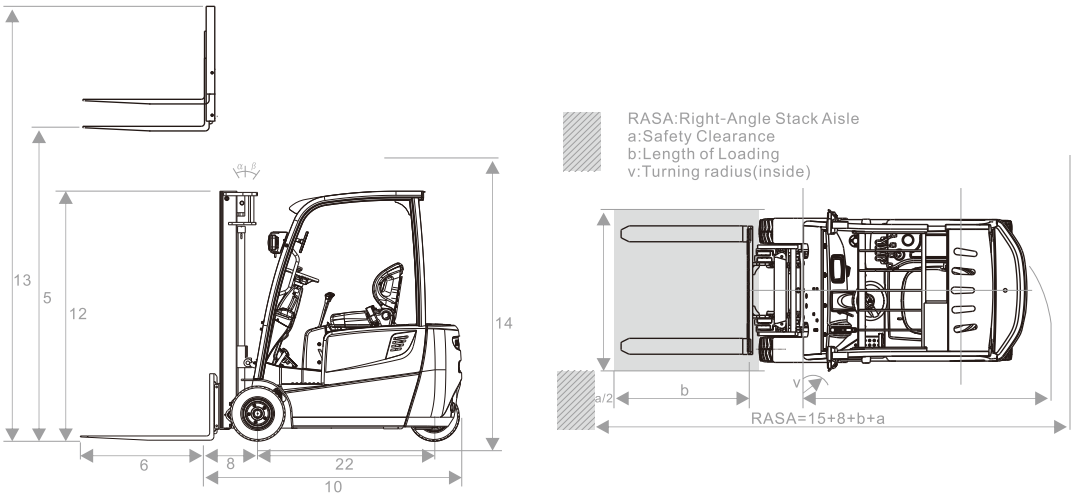
4-WHEEL ELECTRIC FORKLIFT 4.5-6.0 TON

General	1	Model				FB80	FB100	FB120	
	2	Power Type				Electric	Electric	Electric	
	3	Rated Capacity			kg	8000	10000	12000	
	4	Load Centre			mm	500	500	500	
Characreristic&Dimension	5	Lift Height			mm	3000	3000	3000	
	6	Fork Size	L×W×T		mm	1220×150×70	1520×175×85	1520×180×100	
	7	Mast Tilt Angle	F/R		Deg	6°/10°	6°/10°	6°/10°	
	8	Front Overhang (Wheel center to fork face)			mm	650	750	750	
	9	Tread	F/R		mm	1650/1700	1650/1700	1650/1700	
	10	Ground Clearance (Bottom of mast)			mm	160	210	210	
	11	Fork Spread	Min. / Max.		mm	300/2000	515/2055	515/2055	
	12	Overall Dimension	Length to face of fork(Without fork)		mm	3680	4480	4480	
	13		Overall Width		mm	2200	2270	2270	
	14		Mast Lowered Height		mm	2600	2810	2810	
	15		Mast Extended Height(With backrest)		mm	4550	4550	4550	
	16		Overhead Guard Height		mm	2500	2650	2650	
	Performance	17	Turning Radius (outside)			mm	3350	3850	3850
		18	Min. insecting aisle			mm	3040	3200	3200
19		Speed	Travel (Empty load)		km/h	15	15	15	
20	Lifting(Full load)		mm/s	275	260	220			
Chassis	21	Max.Gradeability			%	15	10	10	
	22	Tire	Front			9.00-16	9.00-20	9.00-20	
	23		Rear			8.25-15	8.25-20	8.25-20	
	24	Wheelbase			mm	2450	2850	2850	
	25	Service weight			kg	12780	16710	16910	
Power&Transmission	26	Motor	Drive Motor		kw	2×14 (BEST MOTOR)	2×20 (SCHABMULLER)	2×20 (SCHABMULLER)	
	27		Lift Motor		kw	2×25 (SCHABMULLER)	2×28 (SCHABMULLER)	2×28 (SCHABMULLER)	
	28	Battery	Voltage/Capacity		V/Ah	80/1150	96/1250	96/1250	
	29	Controller	Manufacturer			CURTIS	CURTIS	CURTIS	
	30		Type			AC	AC	AC	
	31	Operating Pressure for Attachment			Mpa	17.5	17.5	17.5	



3-WHEEL ELECTRIC FORKLIFT 1.6-2.0 TON

General	1	Model			FB16S	FB18S	FB20S	
	2	Power Type			Electric	Electric	Electric	
	3	Rated Capacity		kg	1600	1800	2000	
	4	Load Centre		mm	500	500	500	
Characreristic&Dimension	5	Lift Height		mm	3000	3000	3000	
	6	Fork Size	L×W×T	mm	920x120x35	920x120x35	1070x120x40	
	7	Mast Tilt Angle	F/R	Deg	5°/7°	5°/7°	5°/7°	
	8	Front Overhang (Wheel center to fork face)		mm	410	410	410	
	9	Tread	F/R	mm	930/208	930/208	930/208	
	10	Ground Clearance (Bottom of mast)		mm	90	90	90	
	11	Fork Spread	Min. / Max.	mm	200/950	200/950	200/950	
	12	Overall Dimension	Length to face of fork(Without fork)	mm	2090	2090	2090	
	13		Overall Width	mm	1100	1100	1100	
	14		Mast Lowered Height	mm	2030	2030	2030	
	15		Mast Extended Height(With backrest)	mm	4010	4010	4010	
	16		Overhead Guard Height	mm	2055	2055	2055	
		17	Turning Radius (outside)		mm	1690	1690	1690
		18	Min. insecting aisle		mm	2300	2300	2300
Performance	19	Speed	Travel (Empty load)	km/h	14	14	14	
	20		Lifting(Full load)	mm/s	300	300	300	
	21	Max.Gradeability		%	15	15	15	
Chassis	22	Tire	Front		18x7-8	18x7-8	18x7-8	
	23		Rear		16x6-8	16x6-8	16x6-8	
	24	Wheelbase		mm	1460	1460	1460	
	25	Service weight		kg	3000	3200	3400	
Power&Transmission	26	Motor	Drive Motor	kw	4.5x2	4.5x2	4.5x2	
	27		Lift Motor	kw	8.6	8.6	8.6	
	28	Battery	Voltage/Capacity	V/Ah	48/490	48/490	48/560	
	29	Controller	Manufacturer		CURTIS	CURTIS	CURTIS	
	30		Type		AC	AC	AC	
	31	Operating Pressure for Attachment		Mpa	14.5	14.5	14.5	



1.6-2.0 TON 3-WHEEL ELECTRIC FORKLIFT MAST

Type	Model	Lift Height (mm)	Load Capacity (kg)			Overall Height (mm)			Free Lift (mm)		Tilt Angle
						1.6-2.0t			1.6-2.0t		
			Mast Lowered	Mast Extended		Mast Extended		F/R(deg)			
With Backrest	Without Backrest	With Backrest		Without Backrest							
Wide view 2-stage mast	M200	2000	1600	1750	2000	1510	2945	2545	-	-	6/6
	M250	2500	1600	1750	2000	1760	3445	3040	-	-	6/6
	M300	3000	1600	1750	2000	2010	3945	3540	-	-	6/6
	M330	3300	1600	1750	2000	2160	4245	3840	-	-	6/6
	M350	3500	1600	1750	1800	2260	4445	4040	-	-	6/6
	M370	3700	1500	1650	1750	2360	4645	4240	-	-	6/6
	M400	4000	1450	1600	1700	2560	4945	4540	-	-	6/6
	M450	4500	1350	1450	1600	2810	5445	5040	-	-	3/6
	M500	5000	1100	1300	1450	3060	5945	5540	-	-	3/6
	M550	5500	900	1100	1150	3360	6445	6075	-	-	3/6
M600	6000	650	850	950	3610	6945	6575	-	-	3/6	
Full free 3-stage mast	S370	3700	1500	1700	1850	1750	4540	4140	830	1270	5/7
	S400	4000	1400	1650	1750	1875	4915	4515	955	1395	5/7
	S435	4350	1280	1600	1700	2000	5290	4890	1080	1520	5/7
	S450	4500	1250	1550	1650	2050	5440	5040	1130	1570	5/7
	S480	4800	1200	1450	1600	2150	5740	5340	1230	1730	5/7
	S500	5000	1100	1400	1500	2300	5945	5560	1380	1800	5/7
	S550	5500	950	1200	1300	2465	6445	6060	1545	1865	5/7
	S600	6000	600	800	900	2650	6945	6585	1730	2025	5/7



3-WHEEL
1.6-2.0Ton
ELECTRIC FORKLIFT

SIDE LOADER FORKLIFT

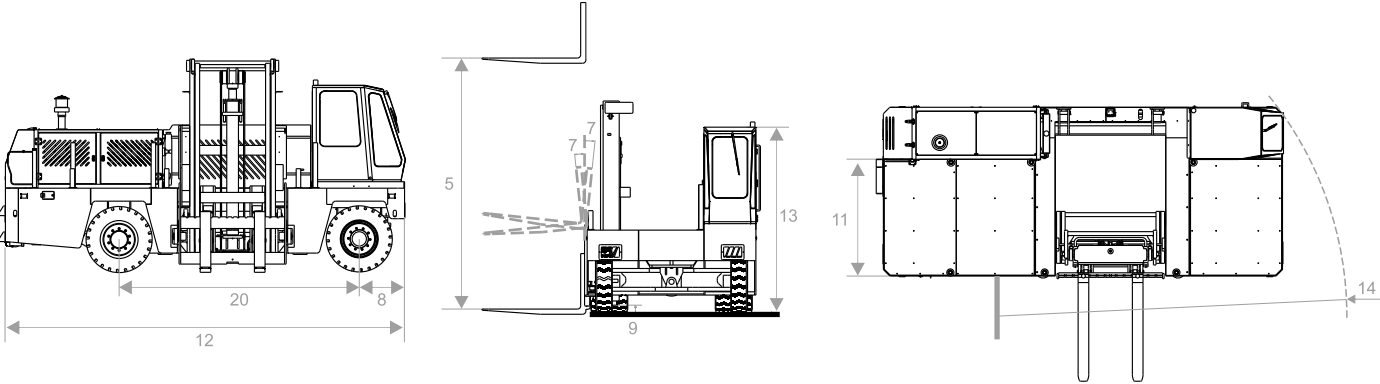
3.0-10.0Ton

New Product Release



SIDE LOADER FORKLIFT 3.0-10.0 TON

General	1	Model			FDS30	FDS50	FDS60	FDS100	
	2	Power Type			Diesel	Diesel	Diesel	Diesel	
	3	Rated Capacity		kg	3000	5000	6000	10000	
	4	Load Centre		mm	500	600	600	600	
Characreristic&Dimension	5	Lift Height		mm	3600	3600	3600	3600	
	6	Fork Size	L×W×T	mm	1070x125x45	1220x150x60	1220x150x60	1220x175x85	
	7	Mast Tilt Angle	F/R	Deg	6°/6°	3°/5°	3°/5°	6°/6°	
	8	Front Overhang (Wheel center to fork face)		mm	700	700	700	800	
	9	Ground Clearance (Bottom of mast)		mm	160	205	205	160	
	10	Overall Dimension	L×W×T		mm	4555x2000x2460	5180x2100x2950	5180x2100x2950	6250x2620x3240
	11		Platform width		mm	1200	1300	1300	1800
	12		Platform length		mm	4555	5180	5180	6250
	13		Overhead Guard Height		mm	2460	2660	2660	2820
	14	Turning Radius (outside)		mm	4250	4250	4250	5650	
Performance	15	Speed	Travel (Empty load)		km/h	17	18	18	14
	Lifting(Full load)		mm/s	310	250	230	350		
	17	Max.Gradeability		%	20	20	20	20	
Chassis	18	Tire	Front			2x28x9-15-12PR	2x8.25-15-14PR	2x8.25-15-14PR	2x9.00-20-14PR
	Rear			2x28x9-15-12PR	4x8.25-15-14PR	4x8.25-15-14PR	4x9.00-20-14PR		
	20	Wheelbase		mm	2550	2800	2800	3600	
	21	Service weight		kg	2590	8300	8700	15800	
Power&Transmission	22	Battery	Voltage/Capacity		V/Ah	12/80	(12/80)x2	(12/80)x2	(12/80)x2
	23	Engine	Model			A498BPG-78	6BG1	6BG1	CY6102BZG-B46
	24		Manufacture			XINCHAI	ISUZU	ISUZU	CHAOCHAI
	25		Rated output/r.p.m.		kw	45/2500	82.4/2000	82.4/2000	84.6/2500
	26		Rated torque/r.p.m.		N·m	193/1800	416/1400-1600	416/1400-1600	430/1500-1700
	27		No.of Cylinder			4	6	6	6
	28		Bore×Stroke		mm	98x105	105x125	105x125	102x118
	29		Displacement		cc	3168	6494	6494	5785
	30		Fuel Tank Capacity		L	75	170	170	260
	31	Transmission	Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	32		Stage	FWD/RVS		1/1	2/2	2/2	2/2
	33	Operating Pressure for Attachment		Mpa	14	15	15	19	



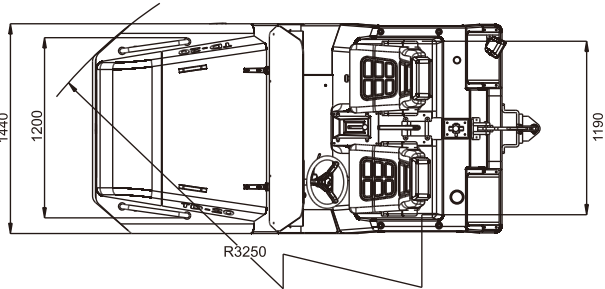
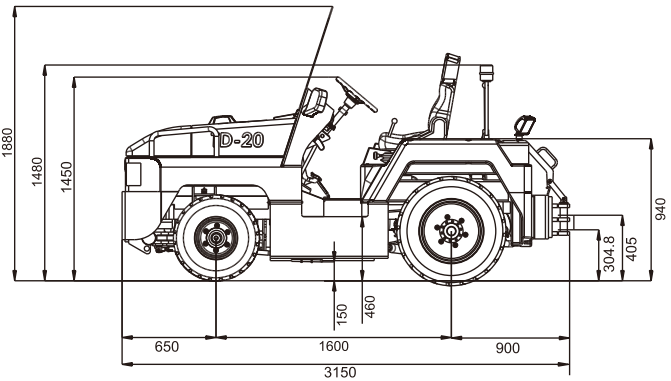
TOWING TRACTOR
2.0-3.0Ton

New Product Release



TOWING TRACTOR 2.0-3.0 TON

Performance	1	Model			TD20	TD25	TD30	
	2	Power type			Diesel	Diesel	Diesel	
	3	Max.drawbar pull			KN	20	25	30
	4	Max.towed weight at dry even concrete surface	With one trailer	Kg	26000	33000	39000	
	5		With a train of trailers	Kg	39000	49000	59000	
	6	Max.travel speed	Forward	Km/h	29	26	26	
	7		Backward	Km/h	20	17	17	
	8	Max.gradeability (No load)			%	35	35	35
Dimensions	9	Overall length (with coupler)			mm	3150	3150	3150
	10	Overall width			mm	1440	1440	1440
	11	Overall height			mm	1450	1450	1450
	12	Wheelbase			mm	1600	1600	1600
	13	Front overhang			mm	650	650	650
	14	Rear overhang (with coupler)			mm	900	900	900
	15	Front tread			mm	1200	1200	1200
	16	Rear tread			mm	1190	1190	1190
	17	Min.turning radius (Outer)			mm	3250	3250	3250
	18	Floor height			mm	460	460	460
	19	Seat height			mm	940	940	940
	20	Center height coupler			mm	304.8/405	304.8/405	304.8/405
	21	Coupler length			mm	260	260	260
	22	Min.ground clearance			mm	150	150	150
Tire	23	Tire size	Front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	
	24		Rear axle		7.00-15-12PR	7.00-15-12PR	7.00-15-12PR	
Weight	25	Truck weight (No load)			Kg	3700	3950	4300
	26	weight distribution	Front axle	Kg	1270	1200	1250	
	27		Rear axle	Kg	2430	2750	3050	
Engine	28	Model				C240PKJ	4TNE98-BQFLC	B3.3-C65T3
	29	Displacement			cc	2369	3319	3300
	30	Rated output			Kw/rpm	35.4/2500	42.1/2300	48/2600
	31	Rated torque			Nm/rpm	139/1800	196/1600	214/1600



ELECTRIC
BAGGAGE TRACTOR

TB-25

New Product Release



TB-25 Standard Features

Characeristic&Dimension

Overall Length:	3573mm
Overall Width:	1420mm
Overall Height:	1930mm
Service Weight:	4310Kg
Wheel Base:	1890mm
Front Overhang:	1020mm
Front Tread:	1236mm
Rear Tread:	1180mm
Rated Pull Weight:	25000Kg
Rated Draw Bar Pull:	5KN
Min. Ground Clearance:	180mm
Turning Radius:	3378mm
Draw Bar Coupler Height:	304.8mm
Drive Speed(full load/no load):	11/20 Km/h
Traction Motor:	23Kw
Battery(Voltage/Capacity):	80 /660 V/Ah

Drive System

Well-known drive axle and transmission brand, imported KDS AC motors with strong power and reliable quality.

Control System

American import CURTIS controller, easy to adjust and energy saving.

Tire

Front Tire:	6.50-10-10PR
Rear Tire:	7.00-12-12PR

Steering System

Hydraulic steering system, with shock absorption device, easy and flexible operations.

Towering Couplers

Towering couplers both in front and rear.
The rear couplers can be adjusted by the control lever in the cab.
The inching switch design makes the tractor move slightly when it is very close to trailers or goods.

Others

Modern design and bright color;
The open cab has wide view for drivers;
Safety concern in several designs: emergency power switch, alarm light, neutral gear safety function.
Multi-functional LCD instrument.
Large capacity battery to supply daily and long hours working.

Options

Operator's Cab

Driver and Passenger Suspension Seat
Full Cab

Battery

Automatic water refill system

Back Vision

Liquid Crystal Display

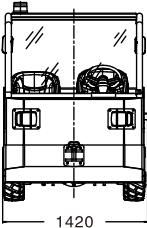
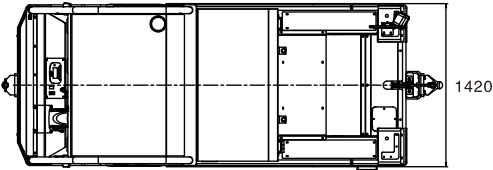
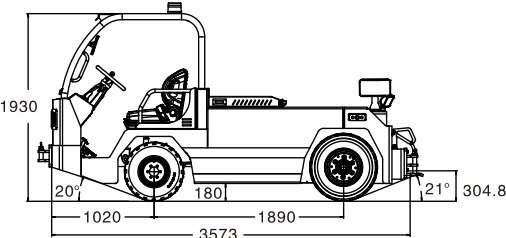
Tires

No-marking Solid Tires

Fire Extinguishers

Various Fire Extinguisher Options

Vehicle Dimensions



AIRCRAFT
TOW TRACTOR

TD-160

New Product Release



TD-160 Standard Features

Characeristic&Dimension

Chassis:	4 wheel steering, 4 wheel drive, front axle non-independent suspension, rear axle fixed mounted.
Service Wight (without load):	≤15600 Kg
Wheel Base:	1830 mm
Axle Base:	2300 mm
Front Axle Load:	≤ 7800 Kg
Rear Axle Load:	≤ 7800 Kg
Drive Speed: (forward without load)	≤ 25 Km/h
(reverse without load)	≤ 20Km/h
Maximum Full Load Pulling Speed:	≥ 7 Km/h
Rated Draw Bar Pull:	≥ 120 KN
Turning Radius:	4500 mm
Minimum Turning Aisle Width:	5550 mm
Ground Clearance:	220mm

Engine

Model:	Cummins QSB 4.5-C110
Displacement:	4.5L
Emission Standard:	U.S. EPA Tier3 EU Stage III
Max. Power Output:	82KW@2200RPM
Maximum Torque:	488N.m@1500RPM

Transmission

Type:	Electronic controller
Forward 4 Gears:	FWD: 4.47-2.05-1.00-0.66
Reverse 3 Gears:	REV: 4.47-2.05-1.00

Brake Types

Drive Brake:	Full round wet multi disc brake, double loop brake.
Parking Brake:	Wet disk pack with hydraulic release, rear axle brake.

Tire

Tire:	(315/70 R15)
Wheel Rim:	8.00-15

Steering System

Full Hydraulic steering, front steering/ four wheel steering.	
System pressure:	120kg/cm2

Steering Drive Axle

Axle Ratio:	20.667 (total reduction ratio 31:9, hub reduction ratio 6:1)
Max Output Torque:	34000Nm
Allowable Load Bearing:	8Ton

Operator's Cab

Operator's Cab:	2 adjustable seats.
Air Conditioner:	cooling and heating for option.
CAN Instrument:	warning, drive speed, power etc.
Fixed steering wheel, shift switch, accelerator pedal, brake pedal, parking brake valve.	

Options

Emergency System

24V DC Emergency Hydraulic Pump- Steering and Braking	
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Operator's Cab

Driver and Passenger Suspension Seat	
Rear Camera Display	
Open Cab	

Fire Extinguishers

Various Fire Extinguisher Options	
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Nominal Mass of the vehicle

10/12/14ton	
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Instrumentation

12V Power Supply for Radio	
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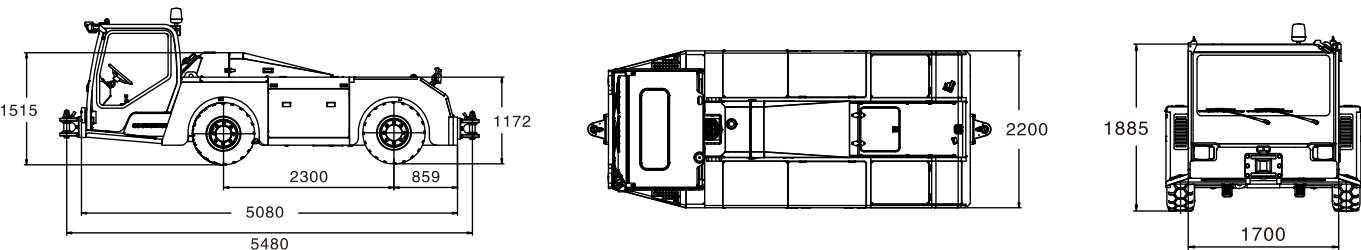
Four Type Steer

Front steer/Rear steer /Four Wheel steer/Crab-steer	
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Towing Couplers

Multiple Coupler Options-Front and Rear	
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Vehicle Dimensions



**ELECTRIC
AIRCRAFT TOW TRACTOR**

TB-120

New Product Release



TB-120 Standard Features

Characeristic&Dimension

Chassis:	4 wheel steering, 4 wheel drive, front axle non-independent suspension, rear axle fixed mounted.
Service Wight (without load):	≤12600 Kg
Wheel Base:	1830 mm
Axle Base:	2300 mm
Front Axle Load:	≤ 6300 Kg
Rear Axle Load:	≤ 6300 Kg
Drive Speed: (forward without load)	≤ 20 Km/h
(reverse without load)	≤ 20Km/h
Maximum Full Load Pulling Speed:	≥7 Km/h
Rated Draw Bar Pull	≥100 KN
Turning Radius:	4500 mm
Minimum Turning Aisle Width:	5550 mm
Ground Clearance:	220mm

Power

Traction Motor:	30kw AC motors 2 units
Steering and Auxiliary Motor:	15kw AC motors 1 unit

Steering System

Full Hydraulic steering, front steering/ four wheel steering.	
System pressure:	120kg/cm2

Transmission

Double input and double output, 2 shifts transmission, drive ratio 1.611/4.466, with interaxle differential.	
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Brake Types

Drive Brake:	Full round wet multi disc brake, double loop brake.
Parking Brake:	Wet disk pack with hydraulic release, rear axle brake.

Tire

Tire:	(315/70 R15)
Wheel Rim:	8.00-15

Electric System

Traction:	80V/1050Ah DC battery power supply
Controller and Equip:	80/24V DC conversion power supply, with 24V battery.
Emergency or Fault Evacuation System:	Emergency parking brake unlock, 24V Emergency pump for pull steering and brake.

Steering Drive Axle

Axle Ratio:	20.667 (total reduction ratio 31:9, hub reduction ratio 6:1)
Max Output Torque:	34000Nm
Allowable Load Bearing:	8Ton

Operator's Cab

Operator's Cab:	2 adjustable seats.
Air Conditioner:	cooling and heating for option.
CAN Instrument:	warning, drive speed, power etc.
Fixed steering wheel, shift switch, accelerator pedal, brake pedal, parking brake valve.	

Options

Nominal Mass of the vehicle

10/15ton

Operator's Cab

Driver and Passenger Suspension Seat
Rear Camera Display
Open Cab

Fire Extinguishers

Various Fire Extinguisher Options

Emergency System

24V DC Emergency Hydraulic Pump- Steering and Braking

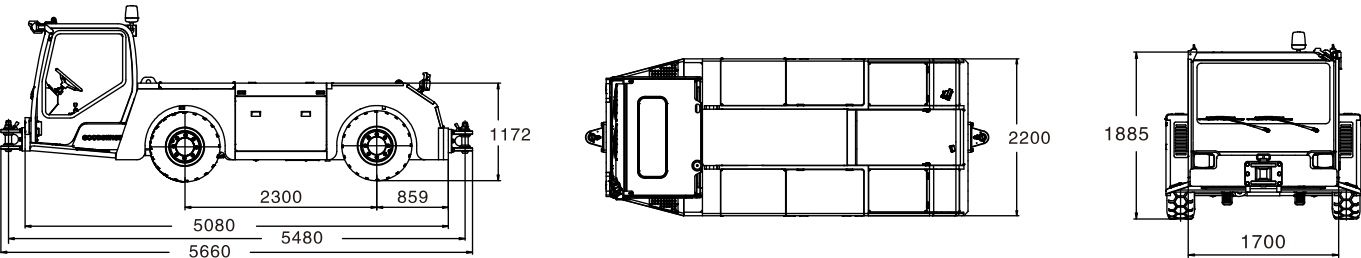
Four Type Steer

Front steer/Rear steer /Four Wheel steer/Crab-steer

Towing Couplers

Multiple Coupler Options-Front and Rear

Vehicle Dimensions



GOODSENSE Forklift Optional Attachments

- Bale Clamp
- Fork Positioner
- Widen Fork Carriage
- Lengthen Fork
- Single Double Pallet Handlers
- Sideshifter
- Rotator
- Hinged Bucket
- Paper Roll Clamp
- Fork Clamp
- Multit-Purpose Clamp
- Tobacco Carton Clamp
- Carpet Boom
- Hinged Forks



Paper Roll Clamp



Hinged Bucket



Crane



Bale Clamp



Closed Cabin



Mixer



Multi Pallet Handlers



Load Stabilizers



Carrying Rams



Simple Cabin