





Model	FD10	FD15	FD20	FD25	FD30
Rated lifting weight ,kg	1000	1500	2000	2500	3000
Load center ,mm	500	500	500	500	500
Power	Diesel	Diesel	Isuzu	Diesel	Diesel
Max. lifting speed (full load) ,mm/s	500	500	400	400	505/475
Max. travel speed (full load/unload) ,km/h	13.5/14	14.5/15	17/19	17/19	18/20
Max. traction force (full load/unload), KN	/	14.4/18.4	149	15/10	15.5/10.5
Grade-ability (full / no load) ,%	15/20	15/20	15/20	15/20	15/20
H1 lifting height ,mm	1350	3000	3000	3000	3000
Free lifting height ,mm	1350	70	60	60	80
Mast inclination (α front / β rear), degree	6/12	6/12	6/12	6/12	6/12
Min. turning radius ,mm	2010	2200	2450	2450	2530
Min. right angle channel ,mm	/	1770	2050	2050	2110
Min. ground clearance ,mm	145	95	110	110	135
A Overall length (including forks) ,mm	3365	3195	3605	3605	3970
B Overall width ,mm	1095	1085	1160	1160	1230
H Overall height (mast retraction) ,mm	2038	1995	2095	2095	2110
H2 Overall height (full extension of mast) ,mm	2038	4030	4080	4080	4270
H3 overhead guard height ,mm	2038	2085	2095	2095	2110
A1 front overhang ,mm	385	430	451	451	465
A2 wheelbase ,mm	1420	1450	1640	1640	1775
B1 wheel treat front ,mm	900	890	970	970	1000
B2 wheel treat rear ,mm	930	920	970	970	970
Front tyre	6.50-10	6.50-10-10	7.00-12 - Pneumatic	7.00-12	28x9-15
Rear tyre	5.00-8	5.00-8-10	6.00-9 - Pneumatic	6.00-9	6.50-10
Weight ,kg	1770	2650	3320	3600	4250/4290
B3 fork width,,mm	90	100	122	122	122
H4 fork thickness ,mm	35	35	40	40	45
Fork bracket height ,mm	/	1000	1000	1000	1225
A3 standard fork length ,mm	1220	920	1220	1070	1220

All Automatic transmissions





Model	FD35	FD40	FD45	FD50S
Rated lifting weight ,kg	3500	4000	4500	5000
Load center ,mm	500	500	500	500
Power	Isuzu	Diesel	Diesel	Mitsubishi
Max. lifting speed (full load) ,mm/s	505/450	300	300	340
Max. travel speed (full load/unload) ,km/h	17/19	18/20	19/18	17/18
Max. traction force (full load/unload), KN	16/11	16.5/11.5	19/15	27/17
Grade-ability (full / no load) ,%	15/20	15/20	15/20	15/20
H1 lifting height ,mm	3000	3000	3000	3000
Free lifting height ,mm	80	80	145	150
Mast inclination (α front / β rear), degree	6/12	6/12	6/12	6/12
Min. turning radius ,mm	2540	2720	2900	3000
Min. right angle channel ,mm	2110	2320	2350	2750
Min. ground clearance ,mm	135	135	200	170
A Overall length (including forks) ,mm	4000	4100	4210	4350
B Overall width ,mm	1230	1230	1460	1400
H Overall height (mast retraction) ,mm	2110	2110	2160	2330
H2 Overall height (full extension of mast) ,mm	4270	4270	4285	4265
H3 overhead guard height ,mm	2110	2110	2220	2330
A1 front overhang ,mm	465	470	515	585
A2 wheelbase ,mm	1775	1900	1900	2150
B1 wheel treat front ,mm	1000	1060	1160	1180
B2 wheel treat rear ,mm	970	970	1110	1190
Front tyre - Pneumatic	28×9-15	250-15	300-15	300-15
Rear tyre - Pneumatic	6.50-10	6.50-10	7.00-12	7.00-12
Weight ,kg	4660/4700	4900	5550	6750
B3 fork width ,mm	122	150	150	150
H4 fork thickness ,mm	45	45	50	55
Fork bracket height ,mm	1225	1225	1195	1275
A3 standard fork length ,mm	1220	1220	1220	1220

All Automatic transmissions





Model	FD50	FD60	FD70	FD80	FD100
Rated lifting weight ,kg	5000	6000	7000	8000	10000
Load center ,mm	600	600	600	600	600
Power	Isuzu	Diesel	Diesel	Diesel	Diesel
Max. lifting speed (full load) ,mm/s	470	470	450	350	310
Max. travel speed (full load/unload) ,km/h	21/13	21/13	21/13	18/25	16/22
Max. traction force (full load/unload), KN	52	53	54	57	58
Grade-ability (full / no load) ,%	20/25	20/25	20/25	19/20	19/20
H1 lifting height ,mm	3000	3000	3000	3000	3000
Free lifting height ,mm	150	150	150	150	150
Mast inclination (α front / β rear), degree	6/12	6/12	6/12	6/12	6/12
Min. turning radius ,mm	3430	3430	3450	3700	4000
Min. right angle channel ,mm	3090	3090	3090	3310	3540
Min. ground clearance ,mm	230	230	230	250	250
A Overall length (including forks) ,mm	4760	4760	4850	5160	5500
B Overall width ,mm	1995	1995	1995	2165	2275
H Overall height (mast retraction) ,mm	2500	2500	2500	2700	2850
H2 Overall height (full extension of mast) ,mm	4420	4420	4420	4375	4300
H3 overhead guard height ,mm	2420	2420	2420	2585	2585
A1 front overhang ,mm	630	635	610	700	720
A2 wheelbase ,mm	2250	2250	2250	2500	2800
B1 wheel treat front ,mm	1470	1470	1470	1600	1600
B2 wheel treat rear ,mm	1700	1700	1700	1700	1700
Front tyre - Pneumatic	8.25-15-14	8.25-15-14	8.25-15-14	9.00-20-14	9.00-20-14
Rear tyre - Pneumatic	8.25-15-14	8.25-15-14	8.25-15-14	9.00-20-14	9.00-20-14
Weight ,kg	8200	8640	9500	10960	12510
B3 fork width ,mm	150	150	150	170	175
H4 fork thickness ,mm	55	60	65	70	80
Fork bracket height ,mm	1365	1365	1365	1374	1015
A3 standard fork length ,mm	1220	1220	1220	1220	1220

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