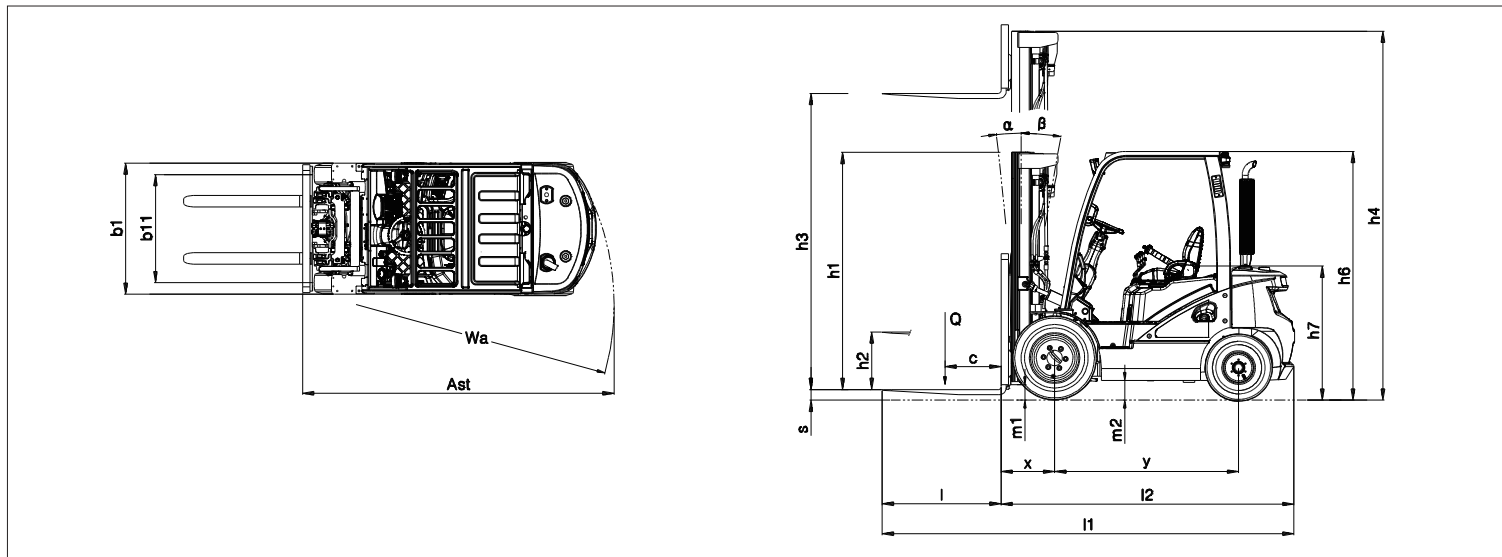


Dimensional Drawing



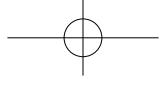
Mast Specification and Rated Capacities

G20P-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G20P-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
			With Load Backrest	With Load Backrest	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,575	3,290	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,580	1,850	3,840	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,950	2,035	4,210	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,230	2,175	4,490	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,500	2,425	4,765	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,800	2,575	5,065	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,950	2,650	5,215	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	4,350	2,850	5,615	147	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
FF	4,960	3,150	6,215	147	6	5	6	10	6	10	1,900	3,750	1,925	3,900	1,975	4,000
	2,580	1,850	3,840	645	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	2,950	2,035	4,210	830	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,230	2,175	4,490	970	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
FFT	3,600	2,425	4,865	1,220	6	10	6	10	6	10	2,000	4,000	2,000	4,000	2,000	4,000
	3,900	1,875	5,165	670	6	8	6	8	6	8	2,000	4,000	2,000	4,000	2,000	4,000
	4,290	2,015	5,570	805	6	8	6	8	6	8	2,000	4,000	2,000	4,000	2,000	4,000
	4,730	2,150	5,990	945	6	8	6	8	6	8	1,950	3,950	1,950	3,950	2,000	4,000
	4,805	2,175	6,065	970	6	5	6	8	6	8	1,950	3,950	1,925	3,950	2,000	4,000
	5,560	2,500	6,815	1,295	6	3	6	8	6	8	1,650	3,650	1,825	3,700	1,875	3,850
	6,010	2,650	7,265	1,445	6	3	6	8	6	5	1,300	2,900	1,750	3,550	1,825	3,700

G25P-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G25P-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
			With Load Backrest	With Load Backrest	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,575	3,290	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,580	1,850	3,840	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,950	2,035	4,210	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,230	2,175	4,490	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,500	2,425	4,765	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,800	2,575	5,065	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,950	2,650	5,215	147	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	4,350	2,850	5,615	147	6	5	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
FF	4,960	3,150	6,215	147	6	3	6	10	6	10	2,075	4,600	2,450	4,950	2,500	5,000
	2,580	1,850	3,840	645	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	2,950	2,035	4,210	830	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,230	2,175	4,490	970	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
FFT	3,600	2,425	4,865	1,220	6	10	6	10	6	10	2,500	5,000	2,500	5,000	2,500	5,000
	3,900	1,875	5,165	670	6	8	6	8	6	8	2,500	5,000	2,500	5,000	2,500	5,000
	4,290	2,015	5,570	805	6	5	6	8	6	8	2,500	5,000	2,500	5,000	2,500	5,000
	4,730	2,150	5,990	945	6	3	6	8	6	8	2,450	5,000	2,500	5,000	2,500	5,000
	4,805	2,175	6,065	970	6	3	6	8	6	8	2,350	5,000	2,475	5,000	2,475	5,000
	5,560	2,500	6,815	1,295	6	3	6	8	6	8	1,525	3,400	2,325	4,750	2,400	4,850
	6,010	2,650	7,265	1,445	6	3	6	8	6	5	1,175	2,600	2,250	4,550	2,300	4,700



G30P-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G30P-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,565	3,290	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,580	1,840	3,840	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,950	2,025	4,210	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,230	2,175	4,490	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,500	2,415	4,765	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,800	2,565	5,065	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,950	2,640	5,215	152	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	4,350	2,840	5,615	152	6	5	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	4,960	3,140	6,215	152	6	3	6	10	6	10	2,525	5,550	2,900	5,850	2,975	6,000
FF	2,580	1,840	3,840	640	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	2,950	2,025	4,210	825	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,230	2,165	4,490	965	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
	3,600	2,415	4,865	1,215	6	10	6	10	6	10	3,000	6,000	3,000	6,000	3,000	6,000
FFT	3,900	1,890	5,165	690	6	8	6	8	6	8	2,900	6,000	2,900	6,000	2,900	6,000
	4,290	2,025	5,570	825	6	8	6	8	6	8	2,900	6,000	2,900	6,000	2,900	6,000
	4,730	2,165	5,990	965	6	3	6	8	6	8	2,900	5,950	2,900	6,000	2,900	6,000
	4,805	2,190	6,065	990	6	3	6	8	6	8	2,825	5,950	2,900	5,950	2,900	6,000
	5,560	2,515	6,815	1,315	6	3	6	8	6	5	1,850	4,050	2,750	5,600	2,825	5,750
	6,010	2,665	7,265	1,465	6	3	6	5	6	3	1,425	3,200	2,675	5,450	2,750	5,600

G33P-7

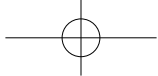
Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G33P-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2,030	1,565	3,290	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,580	1,840	3,840	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,950	2,025	4,210	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,230	2,165	4,490	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,500	2,415	4,765	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,800	2,565	5,065	152	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,950	2,640	5,215	152	6	10	6	10	6	10	3,175	6,500	3,250	6,500	3,250	6,500
	4,350	2,840	5,615	152	6	5	6	10	6	10	3,175	6,500	3,250	6,500	3,250	6,500
	4,960	3,140	6,215	152	6	3	6	10	6	8	2,450	5,400	3,125	6,350	3,200	6,500
FF	2,580	1,840	3,840	640	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	2,950	2,025	4,210	825	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,230	2,165	4,490	965	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
	3,600	2,415	4,865	1,215	6	10	6	10	6	10	3,250	6,500	3,250	6,500	3,250	6,500
FFT	3,900	1,890	5,165	690	6	8	6	8	6	8	3,250	6,500	3,250	6,500	3,250	6,500
	4,290	2,025	5,570	825	6	8	6	8	6	8	3,250	6,500	3,250	6,500	3,250	6,500
	4,730	2,165	5,990	965	6	3	6	8	6	8	2,900	6,300	3,175	6,450	3,250	6,500
	5,560	2,515	6,815	1,315	6	3	6	8	6	5	1,750	3,950	2,975	6,050	3,050	6,200
	6,010	2,665	7,265	1,465	6	3	6	5	6	3	1,350	3,050	2,875	5,850	2,950	6,050

G35C-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities											
					G35C-7											
					Tilt Angle						Load Capacities					
					Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	mm	mm	mm	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	1,800	1,565	3,290	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,350	1,840	3,610	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,720	2,025	3,980	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,000	2,165	4,260	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,495	2,415	4,760	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,655	2,565	4,915	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,805	2,640	5,065	152	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	4,205	2,840	5,465	152	6	8	6	10	6	10	3,425	6,950	3,425	6,950	3,500	7,000
	4,805	3,140	6,065	152	6	3	6	8	6	8	3,250	6,650	3,275	6,650	3,375	6,850
FF	2,350	1,840	3,610	640	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	2,720	2,025	3,980	825	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,000	2,165	4,260	965	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
	3,495	2,415	4,755	1,215	6	10	6	10	6	10	3,500	7,000	3,500	7,000	3,500	7,000
FFT	3,555	1,890	4,815	690	6	8	6	8	6	8	3,400	7,000	3,400	7,000	3,400	7,000
	3,960	2,025	5,220	825	6	8	6	8	6	8	3,400	7,000	3,400	7,000	3,400	7,000
	4,380	2,165	5,640	965	6	5	6	8	6	8	3,375	6,850	3,375	6,850	3,400	7,000
	4,820	2,335	6,085	1,135	6	3	6	8	6	8	3,250	6,600	3,250	6,650	3,350	6,800
	5,205	2,515	6,465	1,315	6	3	6	8	6	5	2,600	5,800	3,150	6,450	3,250	6,600
	5,655	2,665	6,915	1,465	6	3	6	8	6	3	1,975	4,450	3,050	6,200	3,150	6,400

Mast Specifications & Rated Capacities are based on standard chassis with pneumatic tire and without side shifter.

2017 Nov



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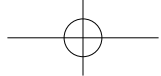
7 Series Forklifts

Pneumatic LP 2.0 to 3.5 ton Series

G20P/G25P/G30P/G33P-7, G35C-7



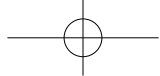
Building your tomorrow today



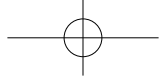
Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer			Doosan	
	1.2	Model designation			G20P-7	
	1.3	Drive: Diesel, Gasoline, LP			LP	LP/Gasoline
	1.4	Operator type: Hand, Pedestrian, Standing, Seated, Order-picker			Seated	
	1.5	Load Capacity	Q	kg	2,000	
	1.6	Load Center	c	mm	500	
	1.8	Load Distance: Center of Driveaxle to fork	x	mm	485	
	1.9	Wheelbase	y	mm	1,625	
	2.1	Service weight		kg	3,620	
Weight	2.2	Axle Loading, Laden Front/Rear		kg	4980/640	
	2.3	Axle Loading, Unladen Front/Rear		kg	1750/1860	
Tyres	3.1	Tyres: pneumatic (P), superelastic (SE), cushion (C)			P	
	3.2	Tyre size, Front			7.00x15-12	
	3.3	Tyre size, Rear			6.50x10-10	
	3.5	Wheels, number Front/Rear (x = driven wheels)			2x/2	
	3.6	Tread, Front	b11	mm	975	
	3.7	Tread, Rear	b12	mm	1,000	
Dimensions	4.1	Tilt of Mast/Fork carriage Forward/Backward	α/β	°	6/10	
	4.2	Height, Mast lowered	h1	mm	2,175	
	4.3	Free Lift	h2	mm	152	
	4.4	Lift	h3	mm	3,230	
	4.5	Height, Mast Extended	h4	mm	4,490	
	4.7	Height of Overhead Guard(Cabin)	h6	mm	2,183	
	4.8	Height of Seat	h7	mm	1,026	
	4.19	Overall Length	l1	mm	3,565	
	4.20	Length to Forkface	l2	mm	2,530	
	4.21	Overall Width	b1/b2	mm	1,170	
	4.22	Fork Dimensions	s/e/l	mm	40x100x1,050	
	4.23	Fork carriage ISO 2328, class/type A,B			II/A	
	4.24	Fork carriage width	b3	mm	1,103	
	4.31	Ground Clearance, laden, below mast	m1	mm	115	
	4.32	Ground Clearance, center of wheelbase	m2	mm	143	
	4.34.1	Aisle width for pallets 1,000 x 1,200 crossways	Ast	mm	3,800	
	4.34.2	Aisle width for pallets 800 x 1,200 crossways	Ast	mm	3,600	
	4.35	Turning Radius	Wa	mm	1,026	
	4.36	Internal Turning Radius	b13	mm	775	
Performance data	5.1	Travel Speed, Laden/Unladen		km/h	19/19.5	
	5.2	Lift Speed, Laden/Unladen		m/s	570 / 610	570 / 610
	5.3	Lowering Speed, Laden/Unladen		m/s	510 / 460	510 / 460
	5.5	Drawbar pull, Laden/Unladen(@ 1.6km/h)		N	15810/15640	15180/15040
	5.6	Max. Drawbar pull, Laden/Unladen		N	18260/17880	17650/17290
	5.7	Gradeability, Laden/Unladen(@ 1.6km/h)		%	30.5/50.5	29.0/48.0
	5.8	Max. Gradeability, Laden/Unladen		%	35.5/59.5	34.0/57.0
	5.10	Service Brake			foot/hydraulic	
	7.1	Engine Manufacturer/type			MITSU/G424P(E)	MITSU/G424P(E)
Combustion Engine	7.2	Engine power according to DIN ISO1585		kW	49	52
	7.3	Rated Speed		min-1	2,600	2,600
	7.3.1	Torque at 1/min		N•m	183	184
	7.4	Number of Cylinders/Displacement		-/cm3	4 / 2351	4 / 2351
	7.10	Battery Voltage/normal capacity		V/Ah	12/65	
	10.1	Operating pressure for attachments		bar	156	
Addition	10.2	Oil volume for attachments		l/min	60	
	10.4	Fuel Tank Capacity		l	51	

Product and specifications are subject to improvement and change without notice.
Performance data and dimensions are nominal and subject to tolerances.



Doosan		Doosan	
G25P-7		G30P-7	
LP	LP/Gasoline	LP	LP/Gasoline
Seated		Seated	
2,500		3,000	
500		500	
485		485	
1,625		1,700	
3,990		4,430	
5710/780		6580/850	
1680/2310		1830/2600	
P		P	
7.00x15-12		28x9x15-12	
6.50x10-10		6.50x10-10	
2x/2		2x/2	
975		982	
1,000		1,000	
6/10		6/10	
2,175		2,165	
152		152	
3,230		3,230	
4,490		4,490	
2,183		2,183	
1,026		1,026	
3,630		3,744	
2,595		2,700	
1,170		1,197	
40x100x1,050		40x100x1,050	
II/A		II/A	
1,103		1,103	
115		115	
143		143	
3,845		3,950	
3,645		3,750	
1,026		1,026	
775		761	
19/19.5		18/18.5	
560 / 610	560 / 610	550 / 610	550 / 610
510 / 460	510 / 460	510 / 460	510 / 460
15600/15570	14970/14950	16220/16120	15540/15490
18050/17810	17740/17200	18970/18580	18330/17970
25.5/44.0	24.5/42.0	23.0/40.5	22.0/39.0
30.0/52.0	28.5/50.0	27.0/48.0	26.0/46.0
foot/hydraulic		foot/hydraulic	
MITSU/G424P(E)	MITSU/G424P(E)	MITSU/G424P(E)	MITSU/G424P(E)
49	52	49	52
2,600	2,600	2,600	2,600
183	184	183	184
4 / 2351	4 / 2351	4 / 2351	4 / 2351
12/65		12/65	
156		156	
60		60	
51		51	



Doosan		Doosan	
G33P-7		G35C-7	
LP	LP/Gasoline	LP	LP/Gasoline
Seated		Seated	
3,250		3,500	
500		500	
485		495	
1,700		1,700	
4,610		4,800	
6930/930		7340/960	
1820/2890		1800/3000	
P		P	
28x9x15-12		250x15-18	
6.50x10-12		6.50x10-12	
2x/2		2x/2	
982		1,026	
1,000		1,000	
6/10		6/10	
2,165		2,165	
152		152	
3,230		3,230	
4,490		4,490	
2,183		2,183	
1,026		1,026	
3,744		3,809	
2,730		2,765	
1,197		1,255	
40x100x1,050		40x100x1,050	
II/A		II/A	
1,103		1,103	
115		115	
143		143	
3,980		4,015	
3,780		3,815	
1,026		1,026	
761		761	
18/18.5		18.5/19	
570 / 640	570/ 640	550 / 640	550 / 640
510 / 460	510 / 460	510 / 460	510 / 460
16120/16080	15440/15400	15630/15550	14970/14940
18870/18540	18220/17930	18250/17850	17620/17250
22.0/39.0	21.0/37.0	20.0/35.5	19.0/34.0
25.5/46.0	24.5/44.0	23.0/41.5	22.0/40.0
foot/hydraulic		foot/hydraulic	
MITSU/G424P(E)	MITSU/G424P(E)	MITSU/G424P(E)	MITSU/G424P(E)
49	52	49	52
2,600	2,600	2,600	2,600
183	184	183	184
4 / 2351	4 / 2351	4 / 2351	4 / 2351
12/65		12/65	
156		156	
60		60	
51		51	