ISO-9001 CERTIFICATED FIRM

ISO-14001 REGISTERED FIRM

GRENDIA

MITSUBISHI FORKLIFT TRUCKS

1 ~ 3.5A ton

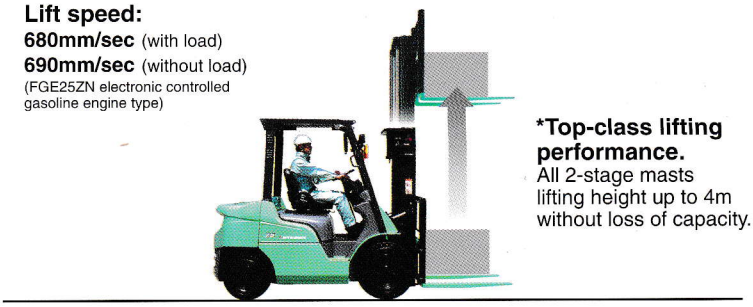
MITSUBISHI FORKLIFT TRUCKS

Lift

Load handling performance

The low center of gravity of the new frame ensures safe load handling and excellent residual capacities. Moreover, with or without load, the electronic controlled gasoline engine provides stable lifting speeds.

Lift speed:
680mm/sec (with load)
690mm/sec (without load)
(FGE25ZN electronic controlled gasoline engine type)



***Top-class lifting performance.**
All 2-stage masts lifting height up to 4m without loss of capacity.

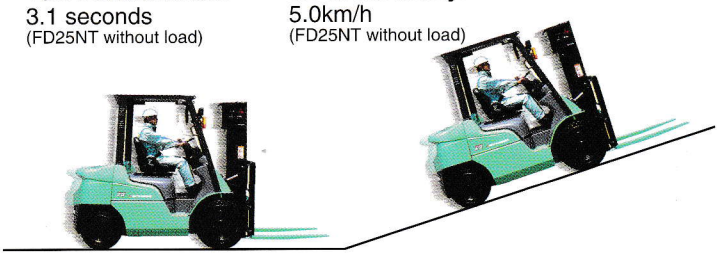
Drive

Driving performance

The newly developed engine and transmission present top-class driving performance. The maneuverability, one of the most important features of a forklift, is now more precised than ever before.

10m Acceleration:
3.1 seconds
(FD25NT without load)

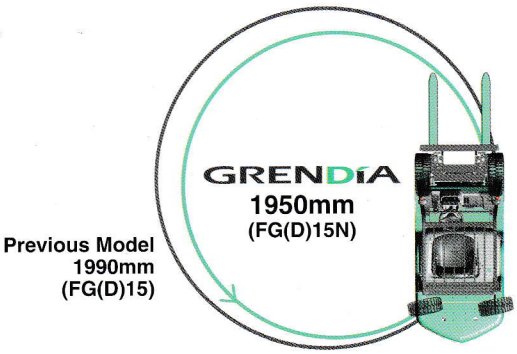
12°Gradeability:
5.0km/h
(FD25NT without load)



Turn

Turning performance

Full hydraulic power steering allows turning "on-the-spot". With full power available at all times this system realizes top-class turning ability, even in the most confined areas.



Previous Model
1990mm
(FG(D)15)

Minimum turning radius:

FG(D)15N	1950mm
FG(D)20CN	2020mm
FG(D)25N	2230mm

Friendly To The Environment

Environmental Performance

Friendly for the operator, friendly for the environment.

EXHAUST EMISSION CONTROL

Electronic Controlled Gasoline Engine with 3-stage Catalytic Muffler.

K15E, K21E, K25E

CO•HC•NOx

Reduced by more than 90% compared with previous model.The electronic controlled engine is equipped with a 3-stage catalytic muffler. The result is not just lower exhaust emissions but also higher torque, more power and lower fuel consumption levels as never realized before.

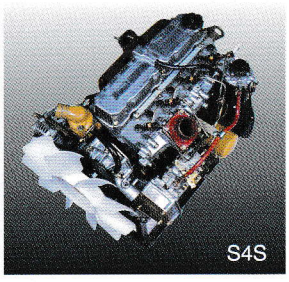
Displacement: 2065cc
Rated Output: 42kW(57ps)/2700rpm
Maximum Torque: 160Nm(16.3kgm) /2000rpm

Swirl-Chamber Diesel Engine.

S4Q2, S4S

Black Smoke Density

Reduced by 50% compared with previous model. Major targets during the development of this new model were to limit the pollution caused by exhaust emissions and to reduce the noise levels of the engines. Mitsubishi has succeeded in reaching these targets for the entire range.



Displacement: 3331cc
Rated Output: 44kW(60ps)/2300rpm
Maximum Torque: 183Nm(18.7kgm) /1800rpm

Passed Euro Class II Regulation of Exhaust Emission Value (Worldwide)

The S4Q2 and S4S diesel engines do not only comply with the European Class II regulation of exhaust emission values of the Comite Europeen de Normalisation (CEN), which is by far the strictest, but also the U.S.A. Tier-2 regulation of exhaust emission value of Environmental Protection Agency (EPA).

Entire Power Line Full Floating Realizing Low Vibration Levels

The principle of a full floating power train is proven technology in the automotive industry. Mitsubishi was among the first to introduce this technology on forklift trucks and has fine-tuned the system on this new model. The results are even lower vibration levels, just like in passenger cars, providing a comfortable working position for the driver.

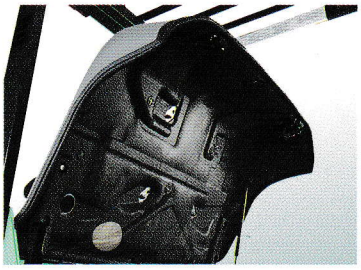
Low Noise Levels

The noise that is coming directly from the exclusively developed engine and transmission is reduced tremendously. Improving the airflow to the engine and the careful choice of sound absorbing materials inside the engine compartment has further reduced noise levels. The reduction of noise both inside the compartment as well as the noise emitted to the surrounding ensures a quieter working environment.

Noise Level At Operator's Ear

77.5dB

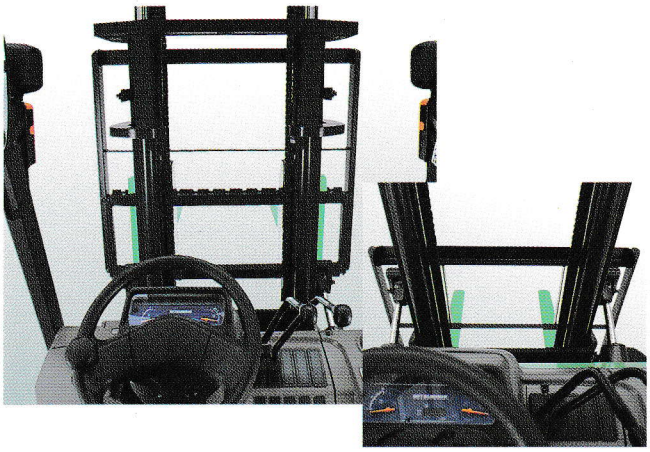
(CEN standard: FD25NT with Sound Suppression Kit option)



Quality foam inside the engine cover as noise absorber.

Excellent Forward Visibility

A wide and unobstructed forward view is the trademark of Mitsubishi. The rigid structure of the mast and smart layout of the cylinders improve fast and safe working. Because of the low dash the visibility at the fork tip is excellent.



Rear Visibility

The new design of the counterweight with the strong wedge shape provides a clear full view of the rear while driving backwards.

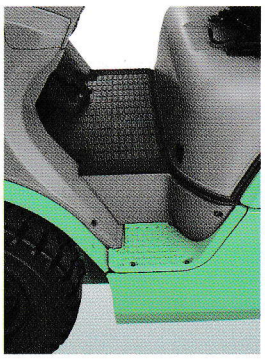
Full Suspension Seat With Hip Restraint

The new machine is equipped with a new type of seat providing improved seating stability, more comfort while driving and easier on and off access. With the backrest reclining function, the weight-adjust system and its capability to slide forth and back, every operator can find a comfortable position.

- 20° backrest recline adjustment in 11 steps.
- Weight adjustment by turn knob
- 150mm horizontal slide travel adjustment.
- Full suspension
- Document pouch
- Seatbelt with warning indicator

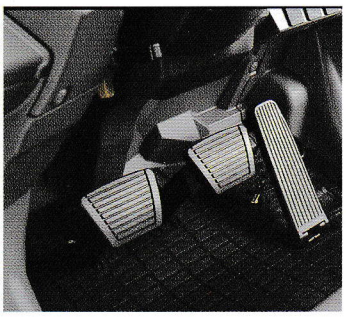
Open Step

The wide and open step with non-slip plate provides easy on and off access. This is the design Mitsubishi focused on.



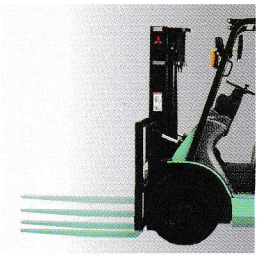
Wide And Open Floor Area

As the height, angle and operating force of the pedals are improved Mitsubishi has accomplished easy operation for all drivers. As the steering valve is integrated in the steering column, the steering rod in the floor area is eliminated. The tilt cylinders have also been appropriately arranged, allowing wider floor space while maintaining rigidity.



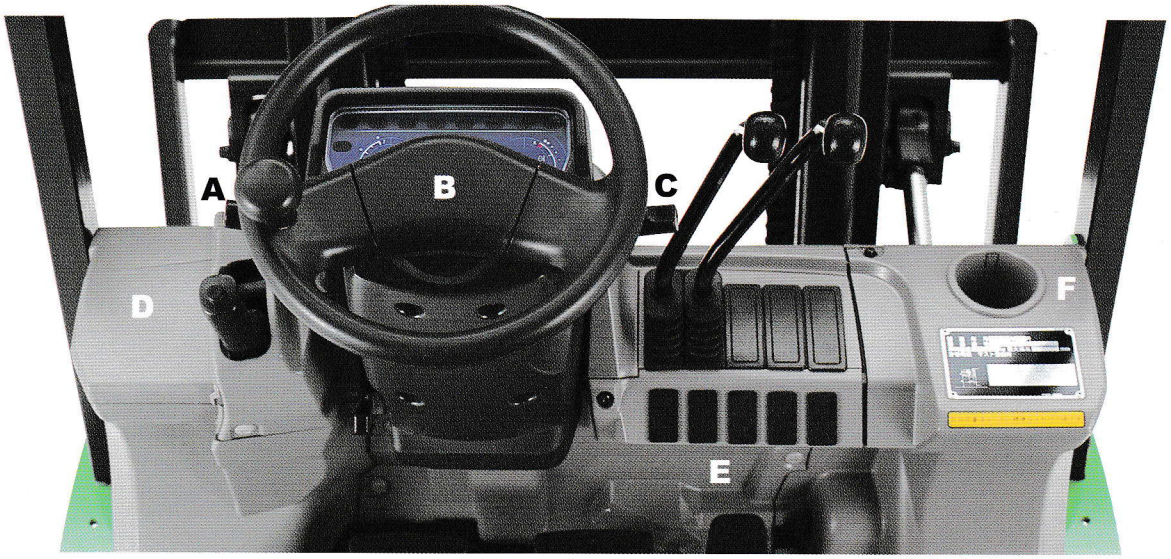
Soft Landing

When the forks are lowered and approach ground level, the lowering speed is slowed down automatically. The load is protected from the shock of hitting the ground.
(2-stage masts only)

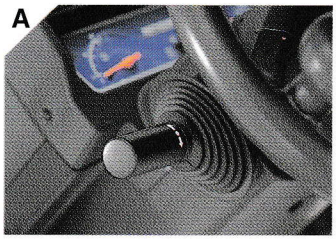


ALS* option (Mast Vertical System)

When the operator tilts the mast forward without load and simultaneously pushes the ALS button, the mast stops in the vertical position, consequently placing the forks horizontally.
*Automatic Leveling System



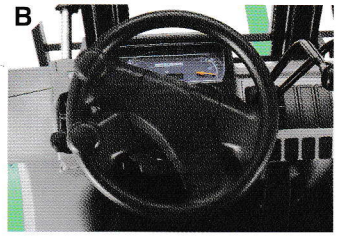
A



Electric FNR Lever
(Automatic Transmission Models)

The FNR lever is easily controlled with a fingertip. It is conveniently placed and needs no extra effort in reaching.

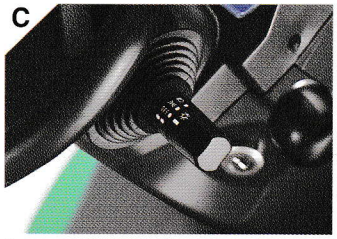
B



Power Steering With 100% Standstill Steering

Full hydraulic power steering with 100% standstill steering reduces the steering force substantially. With steering synchronizer, the steering angle of the rear tires always corresponds with the position of the steer knob on the steering wheel, leading to safer and more comfortable steering. **Steering operating force: Reduced by 20% (compared with the previous model)**

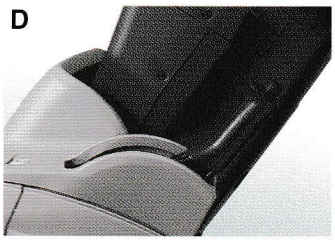
C



Combination Lever

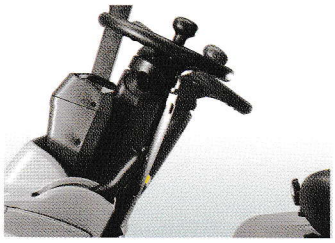
Automotive type lever integrates control of the lights and the automatic return indicator. It is conveniently placed.

D



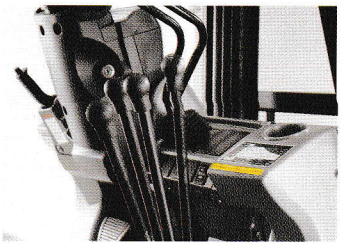
Parking Brake Lever

The double action-type parking brake lever, like in passenger cars, is released by keeping the top button pressed. Mitsubishi's safety system activates an alarm buzzer if the park brake lever is released while the engine is off.



Tiltable Steering Column

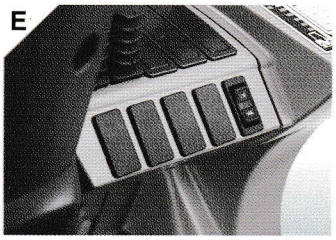
The steering column can be fixed in every possible position within the tilt range. Tilt position memory system, which remembers operator's preferred tilt, is equipped.



Multi-synchro Transmission
(Manual Transmission Models)

Thanks to the incorporation of a multi-synchro transmission, the operating force to shift the transmission has been reduced, making shifting a lot easier.

E



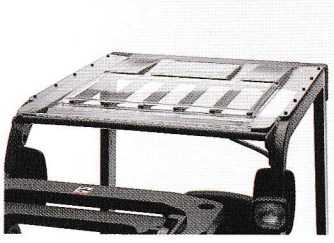
Switch Panel

On the right side of the dash, space is reserved for switches of optional functions.

F

Cup Holder

An automotive type cup holder is integrated in the dash area.



Transparent Roof

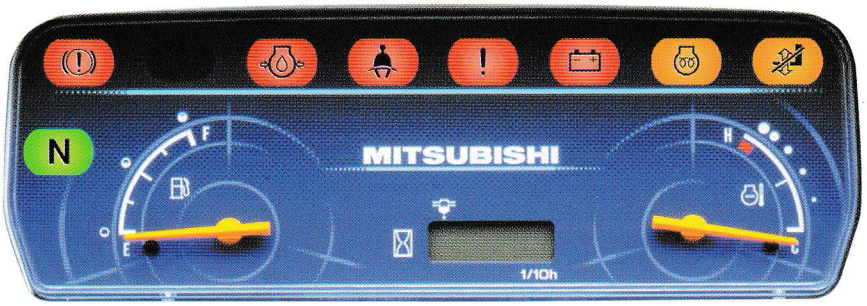
Removable roof with rain gutter is available as an option.

Active Safety

Mitsubishi's new forklift features Integrated Presence System that actively reduces the risk of accidents.

Instrument Panel

A large display is centrally located, behind the steering wheel within line of sight of the operator. The combination of the new LCD monitor, gauges and alarm lights provides all information necessary for the operator and service engineer. If a breakdown occurs, the self-diagnostic system shows an error code on the LCD display identifying the cause. The new LAN:CAN-bus system has created a leading-edge IT feature.



Park Brake Indicator

When the park brake lever is applied, a park brake indicator on the display lights up. If the park brake is released and the engine is not running, an alarm buzzer goes off.

Seatbelt Warning Indicator

A warning lamp on the display lights up when the seat-belt is not used while seated, just like in passenger cars.

Multi- purpose Indicator

When there is a minor accident, the multi purpose indicator lights up. Mitsubishi's new model is equipped with a monitoring system utilizing the in-vehicle LAN functionality.

Mast and Traveling Interlock System

Mitsubishi seats are equipped with a unique interlock switch. When the operator leaves the seat, this seat-switch is activated and the operation of the mast and shifting* transmission of the vehicle (automatic transmission type) will be locked. This is the safety system of the next generation of forklifts and gained from Mitsubishi's experience in the forklift industry over the past 10 years.

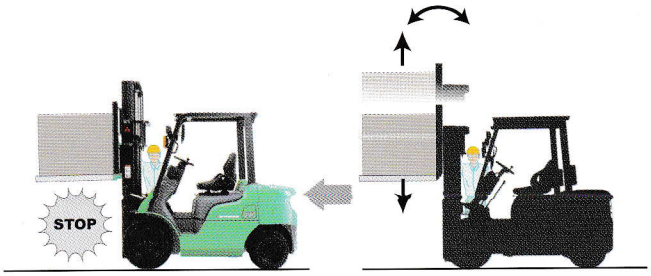
*It does not mean brakes are automatically applied during Travelling Interlock. Truck will still move on slopes due to gravity.

Neutral Indicator

For automatic transmission types, the neutral indicator lights up if the shift lever is set to neutral when the operator is seated. If the seat is empty, the neutral indicator blinks to warn that the forward/reverse function is interlocked.
For manual transmission types, the neutral indicator lights up when the shift lever is set to neutral regardless if there is an operator in the seat.

Mast Interlock Indicator

The mast interlock indicator blinks when the seat is empty to indicate that the mast cannot be activated.



GRENDIA

Lifting, tilting and shifting (automatic transmission types) is not possible when the seat is empty.

Previous model

Lifting, tilting and shifting is possible even if the seat is empty.

IPS INTEGRATED PRESENCE SYSTEM

Specifications

FG15N

FG20CN

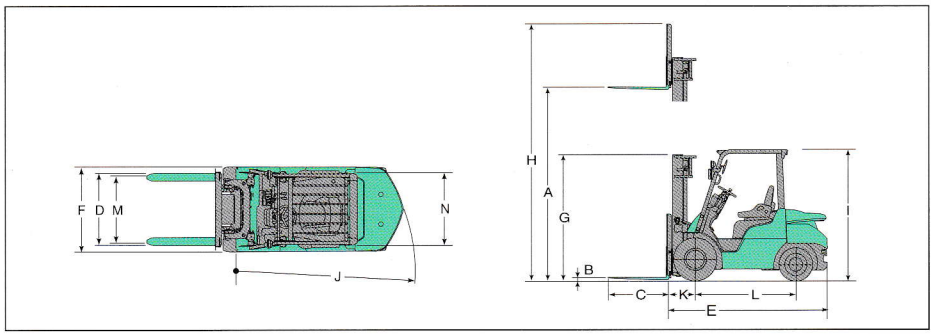
CHARACTERISTICS												
Manufacturer	Abbreviation / Symbol					MITSUBISHI						
Model	Manufacturer's Model Designation					FG10N	FG15N	FG15ZN	FG18N	FG18ZN	FG20CN	
Loading Capacity	at Rated Load Center		kg			1000	1500		1750			
Load Center	Distance		mm			500						
Power Unit	Battery, Diesel, Gasoline, LP gas					G						
Operator Type	Pedestrian, Rider Stand-on, Rider Seated					RS						
Tires	P=pneumatic, C=cusion pneumatic S=solid	Front				P					S	
		Rear				P					S	
Wheels	Number (x=driven)	Front				2						
		Rear				2						
DIMENSIONS												
Lift with Standard Two-Stage Mast	Maximum Fork Height		mm	A		3000						
	Free Fork Height		mm	B		115					115	
Forks	Thickness x Width x Length		mm	C		34x100x1070						
Fork Spacing	Out-to-Out Minimum/ Maximum		mm	D		200~920					220 ~ 920	
Tilt	Mast	Forward	deg			6						
		Backward	deg			12						
Overall Dimensions	Length To Fork Face		mm	E		2210	2260		2300		2360	
	Width	with Standard Tires	mm	F		1065					1065	
		with Optional Duals	mm			1330					-	
	Height	with Lowered Mast	mm	G		1995						
		with Extended Mast (with backrest)	mm	H		4055						
		with Extended Mast (without backrest)	mm			3635					3635	
		to Top of Overhead Guard	mm	I		2065					2065	
		Operator's Seat (Ground to SIP)	mm			1110					1110	
Turning Radius			mm	J		1910	1950		1980		2020	
Front Overhang	Center of Front Axle to Fork face		mm	K		400					415	
90° Stacking Aisle Width to DIN	Pallets 800L x 1200W		mm			3310	3350		3380		3435	
	1200L x 800W		mm			3710	3750		3780		3835	
	Pallets 1000L x 1200W		mm			3510	3550		3580		3635	
	1200L x 1000W		mm			3710	3750		3780		3835	
MIN. 90° Aisle Width	without Pallet		mm			1730	1780		1800		1820	
PERFORMANCE												
Speeds	Traveling (Powershift)	Loaded	km/h			19						
		Unloaded	km/h			19.5						
	Traveling (Manual)	Loaded	km/h			19						
		Unloaded	km/h			19.5						
	Lifting	Loaded	mm/s			500		570	500	570	570	
		Unloaded	mm/s			560		640	560	640	640	
	Lowering	Loaded	mm/s			520					520	
		Unloaded	mm/s			500						
Drawbar Pull	at 2.0km/h (Powershift)	Loaded	N (kgf)			10500(1070)	10300(1050)	14300(1450)	10100(1030)	14100(1440)	13800(1400)	14200
		Unloaded	N (kgf)			10200(1040)	10100(1030)	13800(1410)	10000(1020)	13800(1410)	13900(1410)	13900
	at 1.6km/h (Powershift)	Loaded	N (kgf)			11000(1120)	10700(1090)	14900(1520)	10600(1080)	14700(1500)	14400(1460)	14800
		Unloaded	N (kgf)			10600(1080)	10500(1070)	14400(1470)	10400(1060)	14300(1460)	14400(1470)	14500
	Maximum (Powershift)	Loaded	N (kgf)			12900(1320)	12700(1290)	17100(1750)	12500(1280)	17000(1730)	16600(1690)	17200
		Unloaded	N (kgf)			12300(1250)	12200(1240)	16300(1660)	12100(1240)	16300(1660)	16400(1670)	16500
	Maximum (Manual)	Loaded	N (kgf)			9700(990)	9500(960)	12600(1280)	9300(950)	12500(1270)	12100(1230)	12500
		Unloaded	N (kgf)			9300(950)	9200(930)	12100(1230)	9100(930)	12000(1230)	12100(1230)	12200
Gradeability	at 2.0km/h (Powershift)	Loaded	%			36	27	39	24	34	29	
	at 1.6km/h (Powershift)	Loaded	%			38	28	41	25	36	30	
	Maximum (Manual)	Loaded	%			33	24	33	22	29	25	
WEIGHT												
Empty	Powershift (standard)		kg			2140	2510		2710		3015	
	Manual (standard)		kg			2180	2550		2750		3055	
	Powershift (optional dual)		kg			2170	2540		2740		-	
	Manual (optional dual)		kg			2210	2580		2780		-	
CHASSIS												
Tires	Number	Front Single				2						
		Front Dual				4						
		Rear				2						
Tire Size	Size Front,standard		in			6.50-10-10PR					6.50-10/5.00	
	Size Front,optional dual		in			4.50-12-8PR					-	
	Size Front,optional special dual		in			6.50-10-10PR					-	
	Size Rear		in			5.00-8-8PR					5.00-8/3.00	
Wheelbase			mm	L		1400					1400	
Tread Width	Front,standard tires		mm	M		890					890	
	Front,optional duals		mm			1025					-	
	Front,optional special duals		mm			1090					-	
	Rear tires		mm	N		900					900	
Ground Clearance	at Lowest point mast		mm			110					110	
	at Center of Wheelbase		mm			150					150	
Service Brake	Mechanical/ Hydraulic/ Electric/ Pneumatic					Hyd.						
Parking Brake	Foot/ Hand/ Deadman					Hand						
POWERTRAIN												
Engine	Model					K15	K21		K15	K21	K21	
	Max. Rated Power to DIN 70020		kW			26	34		26	34	34	
			ps			35	46		35	46	46	
	Rated rpm to DIN 70020		rpm			2450	2200		2450	2200		
	Max. Rated Torque to DIN 70020		Nm			109	158		109	158	158	
			kg_m			11.1	16.1		11.1	16.1	16.1	
	Rated rpm to DIN 70020		rpm			2000	1600		2000	1600		
	Number of Cylinders					4						
	Displacement		cc			1486	2065		1486	2065	2065	
	Fuel Tank Capacity		l			46					46	
Transmission	Type					Powershift/Manual						
	Number of Speeds					AT:1 MT:2						
Relief Pressure	For Attachments		Mpa			18.1						

FD25N

FD30N

FD35AN

											MITSUBISHI		
FG20N	FG20ZN	FG25N	FG25ZN	FG30N	FG35AN	FGE10N	FGE15N	FGE15ZN	FGE18N	FGE18ZN	FGE20CN	FGE20N	FGE20Z
2000		2500		3000	3500	1000	1500		1750		2000		
500				500		500							500
G				G		G							G
RS				RS		RS							RS
P				P		P					S		
P				P		P					S		
2				2		2							2
2				2		2							2
3000				3030	3000	3000							3000
140		145		150		115					115	140	
40x110x1070				45X125X1070		34x100x1070							40x110x1
220~1000				250~1000		200~920					220 ~ 920		220~100
6				6		6							6
12				12		12							12
2490		2555		2725	2790	2210	2260		2300		2360	2490	
1150				1275	1290	1065					1065		
1480				1490	1490	1330					-		
1995				2045	2180	1995							1995
4055				4085	4055	4055							4055
3645				3720	3760	3635					3635		
2070				2095	2105	2065					2065		
1115				1115		1110					1110		
2200		2230		2380	2440	1910	1950		1980		2020	2200	
455				490		400					415		
3655		3685		3870	3930	3310	3350		3380		3435	3655	
4055		4085		4270	4330	3710	3750		3780		3835	4055	
3855		3885		4070	4130	3510	3550		3580		3635	3855	
4055		4085		4270	4330	3710	3750		3780		3835	4055	
1930		1980		2090	2135	1730	1780		1800		1820	1930	
19				19		19							19
19.5				19.5		19.5							19.5
19				19		19							19
19.5				19.5		19.5							19.5
510	590	510	590	470	400	560		640	560	640	640	590	680
600	680	600	680	515	430	570		650	570	650	650	610	690
500				530	420	520					520		
500				500	400	500							500
(1440)	16400(1670)	13900(1420)	16100(1640)	15900(1630)	15200(1550)	11500(1170)	11200(1140)	15300(1560)	11100(1130)	15100(1540)	14800(1510)	15200(1550)	18100(185
(1420)	16000(1630)	13800(1410)	15900(1620)	16100(1640)	15300(1560)	11100(1130)	11000(1120)	14800(1500)	10900(1110)	14700(1500)	14800(1510)	14900(1520)	17600(180
(1510)	17000(1740)	14500(1480)	16800(1710)	16600(1700)	15800(1610)	12000(1220)	11700(1200)	15900(1620)	11600(1180)	15700(1600)	15400(1570)	15800(1610)	18800(192
(1480)	16600(1690)	14400(1470)	16500(1680)	16700(1700)	15900(1620)	11500(1180)	11400(1160)	15300(1560)	11400(1160)	15200(1550)	15300(1560)	15400(1570)	18200(186
(1750)	19400(1980)	16900(1730)	19200(1960)	19100(1950)	18100(1850)	14300(1460)	14100(1440)	18300(1870)	13900(1420)	18200(1860)	17800(1810)	18400(1880)	21300(217
(1690)	18700(1900)	16400(1680)	18600(1890)	18900(1920)	17900(1820)	13600(1380)	13500(1370)	17400(1780)	13400(1370)	17400(1770)	17500(1790)	17700(1800)	20400(208
(1280)	15800(1620)	12300(1250)	15600(1590)	15600(1590)	14700(1500)	9900(1010)	9700(990)	13200(1350)	9500(970)	13100(1330)	12700(1290)	13100(1340)	16600(169
(1240)	15300(1560)	12100(1230)	15200(1550)	15500(1580)	14700(1490)	9500(970)	9400(950)	12600(1290)	9300(950)	12600(1280)	12700(1290)	12700(1300)	15900(163
28	33	24	28	23	19	40	30	42	26	37	31	30	37
	34	25	29	24	20	42	31	44	28	39	33	32	39
	32	21	27	22	19	34	25	35	22	31	27	26	33
3310		3585		4250	4660	2140	2510		2710		3015	3310	
3350		3625		4290	4700	2180	2550		2750		3055	3350	
3380		3655		4280	4690	2170	2540		2740		-	3380	
3420		3695		4320	4730	2210	2580		2780		-	3420	
2				2		2							2
4				4		4							4
2				2		2							2
7.00-12-12PR				28X9-15-12PR	250-15-16PR	6.50-10-10PR					6.50-10/5.00		7.
5.50-15-8PR				6.00-15-10PR		4.50-12-8PR					-		5
7.00-12-12PR				28X9-15-12PR		6.50-10-10PR					-		7.
6.00-9-10PR				6.50-10-10PR	6.50-10-12PR	5.00-8-8PR					5.00-8/3.00		6
1600				1700		1400					1400		
960				1060		890					890		
1140				1140		1025					-		
1200				1200		1090					-		
980				980		900					900		
115				135	150	110					110		
160				190	200	150					150		
Hyd.				Hyd.		Hyd.							Hyd.
Hand				Hand		Hand							Hand
	K25	K21	K25	K25		K15E	K21E	K15E	K21E		K21E		K25E
	40	34	40	40		31	42	31	42		42		47
	54	46	54	54		42	57	42	57		57		64
	2200			2200		2800	2700	2800	2700				2700
	186	158	186	186		113	160	113	160		160		192
	19	16.1	19	19		11.5	16.3	11.5	16.3		16.3		19.6
	1600			1600		2400	2000	2400	2000		2000		1600
	4			4			4						4
	2488	2065	2488	2488		1486	2065	1486	2065		2065		2488
	66			66			46				46		
	Powershift/Manual			Powershift/Manual			Powershift/Manual						Powershift/Ma
	AT:1 MT:2			AT:1 MT:2			AT:1 MT:2						AT:1 MT:
	18.1			18.1			18.1						18.1



				MITSUBISHI							
FGE25N	FGE25ZN	FGE30N	FGE35AN	FD10N	FD15N	FD18N	FD20CN	FD20N	FD25N	FD30N	FD35AN
2500		3000	3500	1000	1500	1750	2000	2000	2500	3000	3500
		500		500			500			500	
		G		D			D			D	
		RS		RS			RS			RS	
		P		P			S	P		P	
		P		P			S	P		P	
		2		2			2			2	
		2		2			2			2	
		3030	3000	3000			3000			3030	3000
145		150		115			115	140	145	150	
		45X125X1070		34x100x1070			40x110x1070			45X125X1070	
		250~1000		200~920			220 ~ 920	220~1000		250~1000	
		6		6			6			6	
		12		12			12			12	
2555		2725	2790	2210	2260	2300	2360	2490	2555	2725	2790
50		1275	1290	1065			1065	1150		1275	1290
80		1490		1330			-	1480		1490	1490
		2045	2180	1995			1995			2045	2180
		4085	4055	4055			4055			4085	4055
45		3720	3760	3635			3635	3645		3720	3760
70		2095	2105	2065			2065	2070		2095	2105
15		1115		1110			1110	1115		1115	
2230		2380	2440	1910	1950	1980	2020	2200	2230	2380	2440
5		490		400			415	455		490	
3685		3870	3930	3310	3350	3380	3435	3655	3685	3870	3930
4085		4270	4330	3710	3750	3780	3835	4055	4085	4270	4330
3885		4070	4130	3510	3550	3580	3635	3855	3885	4070	4130
4085		4270	4330	3710	3750	3780	3835	4055	4085	4270	4330
1980		2090	2135	1730	1780	1800	1820	1930	1980	2090	2135
		19		19			19			19	
		19.5		19.5			19.5			19.5	
		19		19			19			19	
		19.5		19.5			19.5			19.5	
590	680	520	430	600			600	640		510	430
610	690	530	440	650			650	670		545	460
0		530	420	520			520	500		530	420
		500	400	500			500			500	400
15000(1520)	17900(1820)	17700(1810)	16900(1730)	14400(1470)	14100(1440)	14000(1430)	13700(1390)	17200(1750)	17000(1730)	16600(1690)	15800(1610)
14800(1510)	17500(1790)	17700(1810)	16900(1720)	13800(1400)	13700(1390)	13600(1390)	13700(1400)	16700(1710)	16600(1700)	16600(1700)	15800(1610)
15600(1590)	18600(1890)	18400(1880)	17600(1790)	14800(1510)	14600(1490)	14400(1470)	14100(1440)	17800(1810)	17600(1790)	17200(1750)	16300(1670)
15300(1560)	18100(1850)	18300(1870)	17500(1780)	14100(1440)	14000(1430)	14000(1420)	14100(1430)	17200(1760)	17200(1750)	17100(1750)	16300(1660)
18200(1850)	21100(2150)	21000(2140)	20000(2040)	16400(1670)	16200(1650)	16000(1630)	15600(1590)	19900(2030)	19700(2000)	19300(1970)	18300(1860)
17600(1790)	20300(2070)	20600(2110)	19600(2000)	15500(1580)	15400(1570)	15300(1560)	15500(1580)	19000(1940)	19000(1930)	19000(1940)	18000(1840)
12900(1310)	16300(1670)	16300(1660)	15400(1570)	14000(1430)	13800(1400)	13600(1390)	13200(1350)	14700(1500)	14500(1480)	14400(1460)	13500(1380)
12600(1290)	15900(1620)	16200(1650)	15300(1560)	13300(1350)	13200(1340)	13100(1340)	13200(1350)	14200(1450)	14100(1440)	14300(1460)	13500(1380)
26	31	26	22	52	38	33	29	34	29	24	20
27	33	27	23	54	39	35	30	36	30	25	21
22	28	23	20	49	36	32	27	29	24	20	17
3585		4250	4660	2190	2560	2760	3065	3420	3695	4360	4770
3625		4290	4700	2230	2600	2800	3105	3460	3735	4400	4810
3655		4280	4690	2220	2590	2790	-	3490	3765	4390	4800
3695		4320	4730	2250	2630	2830	-	3530	3805	4430	4840
		2		2			2			2	
		4		4			4			4	
		2		2			2			2	
2-12PR		28X9-15-12PR	250-15-16PR	6.50-10-10PR			6.50-10/5.00	7.00-12-12PR		28X9-15-12PR	250-15-16PR
5-8PR		6.00-15-10PR		4.50-12-8PR			-	5.50-15-8PR		6.00-15-10PR	
2-12PR		28X9-15-12PR		6.50-10-10PR			-	7.00-12-12PR		28X9-15-12PR	
-10PR		6.50-10-10PR	6.50-10-12PR	5.00-8-8PR			5.00-8/3.00	6.00-9-10PR		6.50-10-10PR	6.50-10-12PR
00		1700		1400			1400	1600		1700	
60		1060		890			890	960		1060	
40		1140		1025			-	1140		1140	
00		1200		1090			-	1200		1200	
80		980		900			900	980		980	
5		135	150	110			110	115		135	150
60		190	200	150			150	160		190	200
		Hyd.		Hyd.			Hyd.			Hyd.	
		Hand		Hand			Hand			Hand	
K21E	K25E	K25E		S4Q2			S4Q2	S4S		S4S	
42	47	47		36			36	44		44	
57	64	64		49			49	60		60	
		2700		2500			2500	2300		2300	
160	192	192		149			149	183		183	
16.3	19.6	19.6		15.2			15.2	18.7		18.7	
2000	1600	1600		2000			2000	1800		1800	
		4		4			4			4	
2065	2488	2488		2505			2505	3331		3331	
6		66		46			46	66		66	
		Powershift/Manual		Powershift/Manual			Powershift/Manual			Powershift/Manual	
		AT:1 MT:2		AT:1 MT:2			AT:1 MT:2			AT:1 MT:2	
		18.1		18.1			18.1			18.1	

Capacity Table (standard single pneumatic tires @500mm load center)

	Maximum Lift Ht. (mm)	Maximum Capacity (kg)				Mast Overall Height (mm)	
		FG (D) 10N	FG (D) 15N	FG (D) 18N	FG (D) 20CN	Lifted (w/backrest)	Lowered
Simplex Mast	2000	1000	1500	1750	2000	3055	1495
	2560	1000	1500	1750	2000	3615	1775
	3000	1000	1500	1750	2000	4055	1995
	3290	1000	1500	1750	2000	4345	2140
	3530	1000	1500	1750	2000	4585	2260
	3720	1000	1500	1750	2000	4775	2400
	4090	975	1475	1750	2000	5145	2585
	4480	950	1425	1450	1950	5535	2790
	5000	900	1000	1000	1400	6055	3050
Duplex Mast	2800	1000	1500	1750	2000	3855	1895
	3000	1000	1500	1750	2000	4055	1995
	3295	1000	1500	1750	2000	4350	2140
	3515	1000	1500	1750	2000	4570	2260
	3700	1000	1500	1750	2000	4755	2400
	4030	975	1475	1750	2000	5085	2585
Triplex Mast	3710	1000	1500	1750	2000	4765	1795
	4010	975	1450	1725	2000	5065	1895
	4310	925	1425	1625	1950	5365	1995
	4750	900	1225	1225	1900	5805	2140
	5090	850	975	975	1325	6145	2260

FG(D)20CN: Capacities shown are with solid pneumatic tires.

	Maximum Lift Ht. (mm)	Maximum Capacity (kg)		Mast Overall Height (mm)	
		FG (D) 20N	FG (D) 25N	Lifted (w/backrest)	Lowered
Simplex Mast	2000	2000	2500	3055	1495
	2570	2000	2500	3625	1790
	3000	2000	2500	4055	1995
	3300	2000	2500	4355	2145
	3540	2000	2500	4595	2265
	3740	2000	2500	4795	2410
	4100	2000	2500	5155	2590
	4500	1950	2250	5555	2800
	5000	1750	1750	6055	3050
Duplex Mast	2820	2000	2500	3875	1905
	3000	2000	2500	4055	1995
	3300	2000	2500	4355	2145
	3530	2000	2500	4585	2265
	3700	2000	2500	4755	2410
	4020	2000	2500	5075	2590
Triplex Mast	3730	2000	2500	4785	1805
	4030	2000	2500	5085	1905
	4300	1950	2450	5355	1995
	4750	1900	2150	5805	2145
	5060	1750	1750	6115	2265
	5500	1300	1300	6555	2410
	5990	950	950	7045	2590

	Maximum Lift Ht. (mm)	Maximum Capacity (kg)	Mast Overall Height (mm)	
		FG (D) 30N	Lifted (w/backrest)	Lowered
Simplex Mast	2000	3000	3055	1530
	2560	3000	3615	1810
	3030	3000	4085	2045
	3270	3000	4325	2165
	3510	3000	4565	2285
	3700	3000	4755	2430
	4000	3000	5055	2610
	4500	2950	5555	2870
	5000	2850	6055	3120
Duplex Mast	2770	3000	3825	1925
	3000	3000	4055	2045
	3250	3000	4305	2165
	3490	3000	4545	2285
	3700	3000	4755	2430
	4010	3000	5065	2610
Triplex Mast	3690	3000	4745	1825
	3990	3000	5045	1925
	4320	3000	5375	2045
	4700	2900	5755	2165
	5060	2800	6115	2285
	5450	2750	6505	2430
	5970	2050	7025	2610

	Maximum Lift Ht. (mm)	Maximum Capacity (kg)	Mast Overall Height (mm)	
		FG (D) 35AN	Lifted (w/backrest)	Lowered
Simplex Mast	2000	3500	3055	1650
	2570	3500	3625	1940
	3000	3500	4055	2180
	3300	3500	4355	2300
	3530	3500	4585	2445
	3720	3500	4775	2510
	4000	3500	5055	2765
	4500	3500	5555	3010
	5000	3400	6055	3260
Duplex Mast	2760	3500	3815	2060
	3010	3500	4065	2180
	3300	3500	4355	2300
	3500	3500	4555	2445
	3720	3500	4775	2625
	4000	3500	5055	2765
Triplex Mast	3730	3500	4785	1940
	4010	3500	5056	2060
	4390	3500	5445	2180
	4700	3450	5755	2300
	5030	3350	6085	2445
	5580	2800	6635	2625
	6000	2050	7055	2765