## GRENDÍA 1.5 - 3.5 TONS









F(D)(G)15-35(C)P(T)(D)(H) Series 1.5 - 3.5 TONS

# Internal Combustion Pneumatic Tyre

# **CUSTOMIZED TO YOUR OPERATIONAL NEEDS**

## **Effortless Inspection and Maintenance**

Simplified inspection and maintenance become a reality with an entirely extendable engine hood, removable side panels, and strategically centralised maintenance stations. Furthermore, intervals between oil changes and lubrication requirements contribute to decreased maintenance costs.



# PUSHING BOUNDARIES

## **Propelling Advanced Performance**

By integrating new technologies, Mitsubishi's new Grendia Forklift Trucks set new benchmarks for operational excellence while maintaining unwavering environmental consciousness. The innovative engine system within Mitsubishi's Grendia lineup demonstrates exceptional fuel efficiency and minimal emissions, surpassing global eco-standards. Beyond its revolutionary engine, Grendia prioritises operator well-being and heightened security. Each forklift in the Grendia lineup seamlessly incorporates an Integrated Presence System (IPS), reinforcing safety measures and mitigating accident risks. Enhanced by LCD graphic displays and digital monitoring systems, Mitsubishi's Grendia Forklift Trucks epitomise heightened safety and efficiency. This is the future of forklifts, available today.



# EMBRACING ENVIRONMENTAL CHALLENGES TODAY AND TOMORROW

# Advanced Electronically Controlled Gasoline Engine

Mitsubishi's Grendia Forklift Trucks comes equipped with a new standard electronic control engine across this whole range of gasoline trucks. Evolving further in our new lineup, this technology achieves exceptional environmental standards while maintaining peak performance and steadfast reliability. The engine has wheelspin suppression that improves overall fuel efficiency and reduces torque loss.

## Dual-Level Speed Control for Enhanced Versatility

Mitsubishi's Grendia offers an automatic speed control with dual settings: HIGH for outdoor applications and LOW for indoor environments. Operators can seamlessly switch between these modes, striking the perfect balance between fuel efficiency and operational prowess.

## Power / Efficiency Mode Selection

Customised to diverse tasks, Mitsubishi's Grendia Forklift Trucks provide two power modes: POWER mode, optimising output, and SOFT mode, prioritising fuel efficiency and reduced noise levels.

### **Starter Protection Control Function**

# A. Starter Long-Term Energization Prevention Function

If the key switch remains in the start position for a certain period, cranking will be forcibly stopped. It prevents overcranking and protects the engine.

#### **B. Starter Re-Jumping Prevention Function**

Cranking after starting the engine is prohibited. The engine can be re-cranked after a certain period had passed after the starter is turned off, protecting the engine.

# Enhanced Diesel Engine with Environmental Upgrades

Maintaining the esteemed performance of our renowned Diesel Engine, Mitsubishi's Grendia Forklift Trucks now incorporate eco-friendly enhancements. These upgraded engines maintain low emission levels while upholding horsepower and unwavering reliability.

# Designed for Operator Comfort and Reduced Fatigue

Encompassing features such as a low-noise engine, enhanced engine compartment soundproofing, and floor-level noise reduction, Mitsubishi's Grendia Forklift Trucks establish a serene operator and workspace environment.

## Steering Synchronisation for Effortless Precision

Equipped with comprehensive hydrostatic steering, maintaining straight paths in confined areas, like containers, can pose challenges. Mitsubishi's Grendia Forklift Trucks deploy a steering synchronizer that actively detects and corrects misalignments, ensuring seamless linear motion without constant steering adjustments.

# WHEEL SPIN SUPPRESSION ADAPTION FUNCTION (GASOLINE ELECTRONIC ENGINE)

- 1) The throttle is set to operate slowly in response to pressing on the accelerator, so that the throttle is not fully activated even when the accelerator is fully pressed down. Reduce loss torque such as torque control stall by gradually open the throttle with slope in consideration of power performance and the accelerator opening features.
- 2) Optimized throttle opening to improve fuel efficiency. Conventionally, over-speeding above the rated speed of 2,700 rpm was controlled by retarding the ignition timing. => The above two controls reduce unnecessary fuel injection and improve fuel efficiency.



# **SAFETY AT THE FOREFRONT: PIONEERING AND RELIABLE SAFETY SOLUTIONS PROTECT OPERATORS AND WORKSPACES**

### **Integrated Presence System**

Mitsubishi's Grendia lineup integrates the Integrated Presence System (IPS), a proactive safety solution meticulously designed to identify potential hazards before they transform into accidents. By ensuring operator safety during vehicle operation and mitigating non-seated errors, this system serves as a robust shield for both operators and workplaces against potential risks.



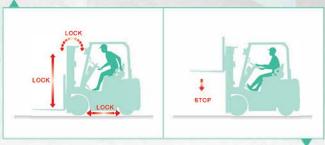
## Seamlessly Embedded Digital **Monitoring**

Within the operator's cabin, digital interfaces offer a streamlined approach to monitoring systems and controls. Activating upon ignition, the digital panel swiftly provides insights into speed, load weight, and system status.



## Mast and Travel Interlock

Incorporating a mast and travel interlock mechanism, Mitsubishi's Grendia lineup seamlessly interacts with the operator's seat. In scenarios where the operator is not seated, this system automatically immobilises mast functions and, for torque-converter models, vehicle movement. This sophisticated feature serves as a barrier against harm to both individuals and property.



### Lift Lock

Upon ignition deactivation, the fork on Mitsubishi's Grendia lineup locks automatically, maintaining its position even if the lift lever is accidentally displaced or shifted.

### Neutral Safety Guarantee

Present in all vehicles, including torque-converter-equipped and direct drive models, an embedded Neutral Safety system prevents engine ignition unless the forward/ backward lever is positioned in neutral.

## **Unobstructed Front Vision.** Clear Rear Visibility

Setting itself apart from other forklifts, Mitsubishi's Grendia lineup boasts unimpeded front visibility extending from fork tip to mast apex. Enhanced rear visibility is achieved through the compact tail design.



## **Elevated Rear Combination Lighting**

All Mitsubishi's new Grendia forklifts are equipped with high-mounted rear combination lamps placed above the protective head guard, delivering unmistakable braking and stopping signals to following vehicles and pedestrians.





## **UNPARALLELED PERFORMANCE, MIGHTY LIFTING STRENGTH**

## **Extraordinary Lifting Capability**

Mitsubishi's Grendia lineup stands as a testament to engineering excellence, boasting a low centre of gravity frame that meticulously optimises vehicle balance and stability during lifting tasks. This intricate engineering leads to elevated load capacity with unmatched stability. The high-torque, high-power engine guarantees a steadfast lift speed, irrespective of the load, empowering operators to amplify efficiency.



# EXCEPTIONAL LIFTING COMPETENCE

Lift speed:

- 640mm/s (when loaded)
- 660mm/s (when not loaded)

No capacity denation up to a height of 4 metres (2-stage mast)

# ELEVATING PRECISION. REDEFINING PERFORMANCE.

### Reliable Descent Control

Inherent within Mitsubishi's Grendia lineup, descent control takes the spotlight. Activating as the fork gracefully nears the ground, this automated marvel ensures load security, adeptly countering sudden drops or impacts, thus augmenting load handling safety.



### **POWER IN ACTION**

Meticulously engineered, Mitsubishi's Grendia forklifts seamlessly integrate a high-power engine and advanced transmission, choreographing an impeccably smooth initiation of motion and acceleration. This dynamic partnership guarantees unwavering traction even on inclines. The infusion of a dual-servo system amplifies control during braking and stopping, fortifying the bedrock of operational safety.

#### **Effortless Acceleration**

Achieving 10-meter acceleration in a swift (unloaded) • FD25PT

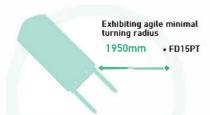
3.1 seconds





Robust Ascent Capability
Sustaining a 12-degree uphill speed
5.0km/h (unloaded) • FD25PT

#### **Exceptional Steering Agility**



Mitsubishi's Grendia forklifts underscore their prowess within compact environments such as warehouses



### SMOOTH OPERATION. OPERATOR ASSURANCE.

## **Integrated Comfort and Control**

Infused with a suspension seat featuring a hip support mechanism, the Mitsubishi Grendia range upholds operator wellbeing as a top priority. This seat offers personalised adjustments for both position and recline, ensuring optimal comfort tailored to individual body contours. Enhancing safety vigilance, the seat belt integrates a warning light, while the soft-grip handle streamlines ingress and egress.

- For meticulous manoeuvres, the inching pedal provides finesse in control.
- With effortless effort, the electric shift lever glides seamlessly back and forth
- Enhanced convenience is ensured with optional function switches thoughtfully positioned on the dashboard's right side.
- Braving outdoor conditions becomes second nature with the inclusion of an acrylic roof (option), effortlessly installable or removable.

- Simplifying operation, the combination switch seamlessly integrates indicator and headlight controls.
- Adapting to varying preferences, the tiltable steering column elevates driving ergonomics.
- Prioritising reduced vibration, the power-train full floating structure is fortified by vibration-absorbing rubber mounts.
- Seamless steering is a hallmark, facilitated by the fully hydraulic power steering system, enabling impeccable control even in stationary tasks.
- Colour display. Visually clear LCD colour display allows for easy reading and interpretation of the key operator signals.

## **OPTIONAL COMPONENTS**

#### FINGERTIP CONTROL LEVER / ARMREST FNR **SWITCH**

Forward and Reverse Switching (FNR switch controller) at armrest will be replaced as the Standard setting. (If the FNR switch is attached, there is no forward and backward switching lever under the steering.)

Fingertip control. A function that allows cargo handling operations such as lifts and tilts to be performed with fingertip operation. This can be operated with arm on the armrest.



#### SINGLE CONTROL LEVER

Lift up/down and tilt forward/backward operation with a single lever.

#### SMOOTH-RUN SYSTEM

Reduces the vibration of the load during lift operation and driving to prevent the load from collapsing. An accumulator is mounted on the step.

#### TILT HORIZONTAL CONTROL

- ▶ Tilt horizontal control button enables tilt forward stops at horizontal position of forks.
- By pressing the tilt horizontal support button while operating the lever, difficult tilt horizontal work can be easily performed.



#### LASER POINTER

Laser pointer is indicated when the fork is in horizontal position, making it possible to visually grasp the fork height. (The LED lamp attached to the mast indicates that it is horizontal.)



#### SMOOTH SHIFT

\*This option is only available only for gasoline truck with torque convertor transmission.

(Transmission Full Reverse Protection)

#### Transmission Protection Function.

a. A function that changes shifts only when a truck speed is low (4.5 km/h or less). It is necessary to release the accelerator once to change shifts.

#### **Sudden Starts Prevention Function**

b. When Forward or Reverse is applied, the gear does not switch to Forward or Reverse while the engine speed is high.

#### ENGINE CUT OFF FUNCTION (AUTO STOP)

(Only Electronic Controlled Engine) Prevent idling. Default: 60 seconds setting.

- a. Engine Stop
- b. Power off for electric components connected to electric circuit below ignition switch such as meter panel, engine and so on.
- c. Excepted components; VCM, lamps and horn.

Reduces excess fuel consumption due to unnecessary idling.



# **SPECIFICATIONS**

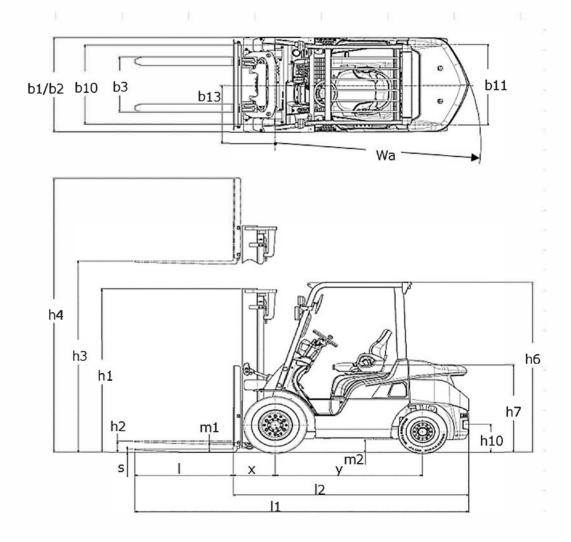
	out a description						
1.1	CHARACTERISTICS		- 4	MITCHIDICHI	MITCHIDICHI	MITCHBICH	MITCHIDICIII
1.2	Manufacturer (abbreviation)			MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI FD20P(T)(D)
1.3	Manufacturer's model designation			FD15P(T)(D)	FD18P(T)(D)	FD20CP(T)(D)	
1.4	Power source: Battery, Diesel. LPG, Petrol Operator type: pedestrian, (operator)-standing, -seated			Diesel Seated	Diesel Seated	Diesel Seated	Diesel Seated
1.5	Load capacity	Q	kg	1500	1750	2000	2000
1.6	Load capacity  Load center distance	c	mm	500	500	500	500
1.7	Load distance, axle to fork face	x	mm	400	400	415	455
1.8		у	mm	1400	1400	1400	1600
	WEIGHTS			, 100			1000
2.1	Truck weight without load / including battery (simplex mast, lowest lift height)		kg	2530	2720	3030	3380
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	3520/510	3880/590	4330/700	4640/740
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1060/1470	1000/1720	1020/2010	1450/1930
	WHEELS, DRIVE TRAIN	i.	- 4				
3.1				L/L	L/L	SE / SE	L/L
3.2	Tyre dimensions, front			6.50-10	6.50-10	6.50-10/5.00	7.00-12
3.3				5.00-8	5.00-8	5.00-8/3.00	6.00-9
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2	2x / 2
3.5	Track width (center of tyres), front	b10	mm	890	890	890	960
3.6	Track width (center of tyres), rear	b11	mm	900	900	900	980
	DIMENSIONS		-				
4.1		9/ß	0	6/12	6/12	6/12	6/12
4.2		h1	mm	1990	1990	1990	1990
4.3		h2	mm	115	115	120	140
4.4	3	h3	mm	3000	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055	4055
4.6	Height to top of overhead guard	h6 h7	mm	2065	2065	2065	2074
4.8	Seat height	h10	mm	929 290	929 290	929 290	938
4.9	Tow coupling height Overall length	11	mm		3220	3275	310 3405
4.10	-	12	mm	3180 2260	2300	2355	2485
4.11	Overall width	b1/b2	mm	1065 / 1480	1065 / 1480	1065 / -	1150 / 1640
4.12		s/e/l	mm	35x100x920	35x100x920	45x100x920	45x100x920
4.13		5,0,0		2A	2A	2A	2A
4.14	Total damage to but to the time.	b3	mm	920	920	920	1000
4.15	(	m1	mm	110	110	110	115
4.16	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	150	150	150	160
4.17	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	3550	3580	3635	3855
4.18	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3350	3380	3435	3655
4.19	Working aisle width with 800 x 1200 mm pallets, lengthwise			3750	3780	3835	4055
4.20	Turning circle radius	Wa	mm	1950	1980	2020	2200
4.21	Minimum distance between centers of rotation	b13	mm	555	555	555	715
	PERFORMANCE					į.	
5.1	Travel speed, with/without load		km/h	18.5/19.0	18.5/19.0	18.5/19.0	18.0/18.5
5.2			m/s	0.64/0.66	0.64/0.64	0.64/0.66	0.61/0.64
5.3			m/s	0.52/0.45	0.52/0.45	0.52/0.45	0.51/0.45
	Rated drawbar pull, with/without load		N	12800/6800	12700/6500	12600/6500	15800/9400
	Gradeability, with load		S	34	30	26	31
5.6	Service brakes (mechanical/hydraulic/electric/pneumatic	).		Hydraulic	Hydraulic	Hydraulic	Hydraulic
6.1	IC ENGINE Manufacturer / Type		-	S4Q2	S4Q2	S4Q2	545
			kW	30.0	30.0	30.0	38.1
	Rated speed to DIN 70 020		rpm	2500	2500	2500	2250
			CШ3	4 / 2505	4 / 2505	4 / 2505	4 / 3331
		1/h /	kg/h	2.30/-	2.35/-	2.35/-	2.55/-
6.6			Nm	131	131	131	185
	Max torque at engine speed		rpm	1800	1800	1800	1700
	MISCELLANEOUS					1	
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1
7.2			bar	180	180	180	180
7.3			I/min	62	62	62	75
7.4	Noise level, value at operator's ear (EN 12053)		dB(A)	80	80	80	78
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin	pin



## **INTERNAL COMBUSTION PNEUMATIC TYRE**

# F(D)(G)15-35(C)P(T)(D)(H)

MITSUBISHI	MITSUBISHI	MITSUBISHI
FD25P(T)(D)	FD30P(T)(D)	FD35P(T)(D)
Diesel	Diesel	Diesel
Seated	Seated	Seated
2500	3000	3500
	500	
500		500
460	495	495
1600	1700	1700
3680	4350	4740
5430/750	6510/840	7220/1020
1430/2250	1750/2600	1670/3070
1.71	1 (1	1.71
L/L	L/L	L/L
7.00-12	28x9-15	250-15
6.00-9	6.50-10	6.50-10
2x/2	2x / 2	2x / 2
960	1060	1060
980	980	980
	/s	
//12	//12	//12
6/12	6/12	6/12
1990	2015	2130
140	145	145
3000	3000	3000
4055	4055	4055
2074	2093	2103
938	988	988
310	330	340
3480	3805	3865
2560	2735	2795
1150 / 1640	1275 / 1710	1290 / 1710
45x100x920	45x122x1070	45x122x1070
2A	3A	3A
1000	1000	1000
115	135	150
160	190	200
3890	4075	4135
3690	3875	3935
4090	4275	4335
2230	2380	2440
715	780	780
713	700	700
4004405	4554400	4004405
18.0/18.5	17.5/18.0	18.0/18.5
0.61/0.64	0.49/0.50	0.41/0.42
0.51/0.45	0.51/0.41	0.43/0.31
15600/9300	15700/11200	
27	22	19
Hydraulic	Hydraulic	Hydraulic
-00		
S4S	S4S	S4S
38.1		38.1
	38.1	
2250	2250	2250
4 / 3331	4 / 3331	4 / 3331
3.20/-	3.40/-	3.50/-
185	185	185
1700	1700	1700
Davisanskier 4 14	Developed its 4 /4	Demographic 1/1
Powershift 1/1	Powershift 1/1	Powershift 1/1
180	180	180
75	73	73
78	78	78
pin	pin	pin



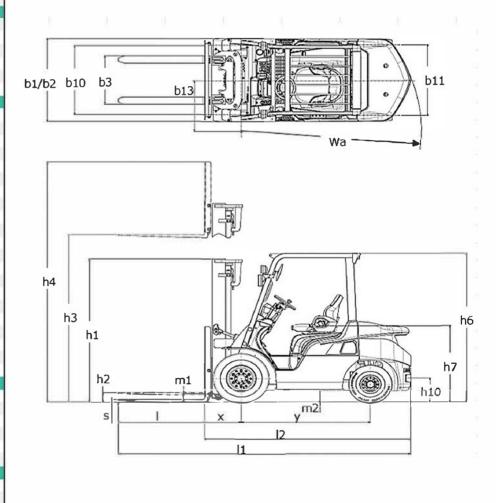


# INTERNAL COMBUSTION PNEUMATIC TYRE

# F(D)(G)15-35(C)P(T)(D)(H)

	Time - Allandrians							
1.1	THARACTERISTICS			MITCHES	MITCHES	MITCHES	MITCHPICH	MITCURICUI
1.1	Manufacturer (abbreviation)			MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI
1.2	Manufacturer's model designation			FG15P(T)(D)	FG18P(T)(D)	FG20CP(T)(D)	FG20P(T)(D)	FG20P(T)(D)H
1.3	Power source: Battery, Diesel. LPG, Petrol		_	Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	Seated	Seated
1.5	Load capacity	Q	kg	1500	1750	2000	2000	2000
1.6	Load center distance	С	mm	500	500	500	500	500
1.7	Load distance, axle to fork face	X	mm	400	400	415	455	455
1.8	Wheelbase WEIGHTS	у	mm	1400	1400	1400	1600	1600
2 1	Truck weight without load / including battery (simplex mast, lowest lif	t boight)	kg	2490	2690	3010	3300	3300
	Axle loading with maximum load, front/rear (simplex mast, lowest lift	_	kg	3510/460	3870/540	4320/660	4600/670	4600/670
	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1040/1430	990/1670	1010/1970	1410/1860	1410/1860
2.5	WHEELS, DRIVE TRAIN		ĸy	1040/1430	77071070	1010/1/70	1410/1000	1410/1000
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L/L	L/L	SE / SE	L/L	L/L
3.2	Tyre dimensions, front			6.50-10	6.50-10	6.50-10/5.00	7.00-12	7.00-12
3.3	Tyre dimensions, rear			5.00-8	5.00-8	5.00-8/3.00	6.00-9	6.00-9
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2	2x / 2	2x / 2
	Track width (center of tyres), front	ь10	mm	890	890	890	890	890
	Track width (center of tyres), rear	b11	mm	900	900	900	900	900
	DIMENSIONS	DIT	-	. 50	. 50			.50
4.1	Mast tilt, forwards/backwards	a/ß	0	6/12	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)		mm	1990	1990	1990	1990	1990
4.3	Free lfit (see tables)	h2	mm	115	115	120	140	140
4.4	Lift height (see tables)	h3	mm	3000	3000	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055	4055	4055
4.6	Height to top of overhead guard	h6	mm	2065	2065	2065	2074	2074
4.7	Seat height	h7	mm	929	929	929	938	938
4.8	Tow coupling height	h10	mm	290	290	290	310	310
4.9	Overall length	11	mm	3180	3220	3275	3405	3405
4.10	Length to fork face (includes fork thickness)	12	mm	2260	2300	2355	2485	2485
4.11	Overall width	b1/b2	mm	1065/-	1065/-	1065/-	1150 / 1640	1150 / 1640
	Fork dimensions (thickness, width, length)	s/e/l	mm	35x100x920	35x100x920	45x100x920	45x100x920	45x100x920
4.13	Fork carriage to DIN 15 173 A/B/no			2A	2A	2A	2A	2A
4.14	Fork carriage width		mm	920	920	920	1000	1000
4.15	Ground clearance under mast, with load		mm	110	110	110	115	115
	Ground clearance at center of wheelbase, with load (forks lowered)		mm	150	150	150	160	160
	Working aisle width with 1000 x 1200 mm pallets, crosswise		mm	3550	3580	3635	3855	3855
	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3350	3380	3435	3655	3655
	Working aisle width with 800 x 1200 mm pallets, lengthwise		_	3750	3780	3835	4055	4055
	Turning circle radius		mm	1950	1980	2020	2200	2200
4.21	Minimum distance between centers of rotation	ь13	mm	555	555	555	715	715
	PERFORMANCE		- //	10.0/10.5	1004105	1004305	105/100	105/100
	Travel speed, with/without load		m/h	19.0/19.5	19.0/19.5	19.0/19.5	18.5/19.0	18.5/19.0
5.2	Lifting speed, with/without load		m/s	0.63/0.64	0.63/0.64	0.63/0.64	0.58/0.58	0.64/0.64
5.3	Lowering speed, with/without load		m/s	0.52/0.45	0.52/0.45	0.52/0.45	0.51/0.45	0.51/0.45
_	Rated drawbar pull, with/without load		N	14600/6800	14600/6400 36	14400/6500	14700/9100 30	17300/9100
	Gradeability, with load Service brakes (mechanical/hydraulic/electric/pneumatic		S	40 Hydraulic	36 Hydraulic	31 Hydraulic	Hydraulic	35 Hydraulic
5.0	IC ENGINE			Hydraulic	rryurautic	Hydraulic	Tryur addic	i iyur autic
61	Manufacturer / Type			GK21	GK21	GK21	GK21	GK25
	Rated / Nominal output to ISO 1585**		kW	36.0	36.0	36.0	36.0	42.0
	Rated speed to DIN 70 020	r	pm	2700	2700	2700	2700	2700
_	Number of cylinders / cubic capacity		cm³	4 / 2065	4 / 2065	4 / 2065	4 / 2065	4 / 2488
	Fuel consumption according to VDI 60 cycle	I/h / k		- / 2.70	- / 3.00	- / 3.40	- / 3.60	- / 3.90
	Max torque		Nm	149	149	149	149	185
	Max torque at engine speed		pm	1800	1800	1800	1800	1400
	MISCELLANEOUS							
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1
	Maximum operating pressure for attachments		bar	180	180	180	180	180
	Oil flow for attachments	1/	min	60	60	60	60	60
7.4	Noise level, value at operator's ear (EN 12053)	dl	3(A)	79	79	79	79	79
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin	pin	pin

MITSUBISHI	MITSUBISHI	MITSUBISHI	MITSUBISHI	
FG25P(T)(D)	FG25P(T)(D)H	FG30P(T)(D)	FG35P(T)(D)	
Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG	
Seated	Seated	Seated	Seated	
2500	2500	3000	3500	
500	500	500	500	
460	460	495	495	
1600	1600	1700	1700	
1000	1000	1700	1700	
3600	3600	4240	4630	
5390/680	5390/680	6470/770	7180/950	
1390/2180	1390/2180	1710/2530	1630/3000	
1070/2100	107072100	171072000	1000/0000	
L/L	L/L	L/L	L/L	
7.00-12	7.00-12	28x9-15	250 -15	
6.00-9	6.00-9	6.50-10	6.50-10	
2x / 2	2x / 2	2x / 2	2x / 2	
960	960	1060	1060	
980	980	980	980	
700	700	700	700	
6/12	6/12	6/12	6/12	
1990	1990		2130	
140		2015		
	140	145	145	
3000	3000	3000	3000	
4055	4055	4055	4055	
2074	2074	2093	2103	
938	938	988	988	
310	310	330	340	
3480	3480	3805	3865	
2560	2560	2735	2795	
1150 / 1640	1150 / 1640	1275 / 1710	1290 / 1710	
45x100x920	45x100x920	45x122x1070	45x122x1070	
2A	2A	3A	3A	
1000	1000	1000	1000	
115	115	135	150	
160	160	190	200	
3890	3890	4075	4135	
3690	3690	3875	3935	
4090	4090	4275	4335	
2230	2230	2380	2440	
715	715	780	780	
1054100	1054100	400405	405400	
18.5/19.0	18.5/19.0	18.0/18.5	18.5/19.0	
0.58/0.58	0.64/0.64	0.51/0.50	0.43/0.42	
0.51/0.45	0.51/0.45	0.51/0.41	0.43/0.31	
14500/9000	17100/9100	17400/10900	16600/10400	
25	30	25	21	
Hydraulic	Hydraulic	Hydraulic	Hydraulic	
01/04	21/25	21/25	01/05	
GK21	GK25	GK25	GK25	
36.0	42.0	42.0	42.0	
2700	2700	2700	2700	
4 / 2065	4 / 2488	4/2488	4 / 2488	
- / 4.10	- / 4.50	- / 5.30	- / 6.00	
149	185	185	185	
1800	1400	1400	1400	
Danier-List 4.40	Davis bift 4.4	Daws big 4.4	Danie 135 4 5	
Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1	
180	180	180	180	
60	60	60	60	
79	79	79	79	
pin	pin	pin	pin	



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