INFI FORKLIFT



ALPHA
INFINITRANS

FUEL SAVING 33%

* No Torque Converter

: The world's first development of 33% fuel saving is made with No Torque Converter System

* 8 speed

: Fr. 4 / Rv.4
Efficient fuel saving system

Annual Fuel Consumption of IC Forklift	Conventional IC Forklift	INFI @ IC Forklift	Saving
1 shift 1year (8hr x 25d x 10m)	$18,000	$12,000	**$6,000**
3 shift 1year (24hr x 25d x 10m)	$54,000	$36,000	**$18,000**

Soruces : www.purchasing.com US Consumer Agency Evaluation Criteria

GOLDEN FORKLIFT



AI-IOT

(Artificial Intelligence) (Internet Of Things)

* Ai-Diagnosis

: Notification for all replacement and filter cleaning, Troubleshooting, Diagnose electronic and mechanical problems

* Vehicle information

: Based on DB system, save histonic driving data, Check uptime

* Supervision

: driving speed, steering, location, driving habits

* Monitoring & Control

: Forklift fleet management, speed, steering angle control, inspection and schedule management

SMART FORKLIFT

* Anti-Roll Back

: Never roll back or forward at a slope without brake pedal

* Auto-Start & Stop on

: Pedal on : start
Pedal off : stop

* Auto-Emergency Brake

: When brake system is damaged, emergency parking system is activated and vehicle stops automatically

* Auto-Parking

: When Power off, parking brake is automatically activated

* Auto-Jerk Prevent

: Smoothly start, stop and shift gears

* Auto Cooling system

: Hot brake oil cooling system

MAINTENANCE FREE

With Wet disk brake system

Saving Costs with maintenance-free wet-disk brake system

The Brake is completely enclosed, extremely low-wear and

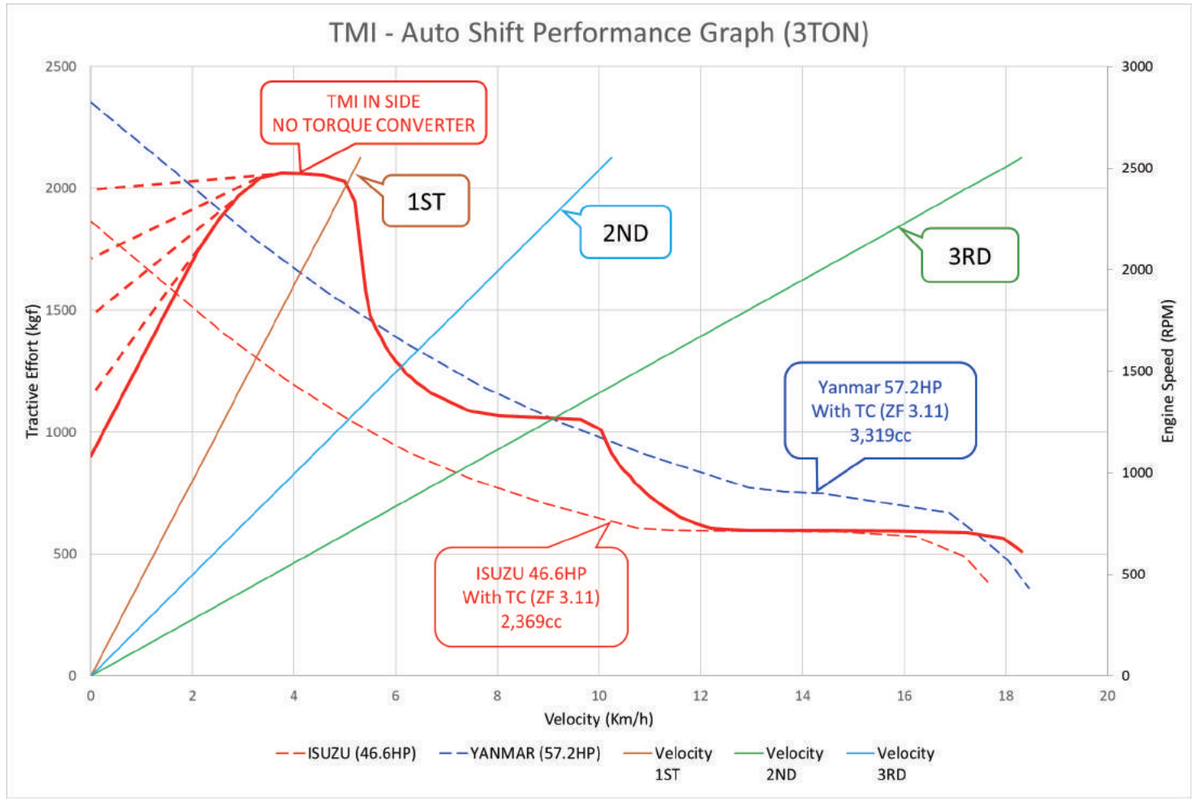
Completely resistant from environmental impact

J-SERIES CPCD30J

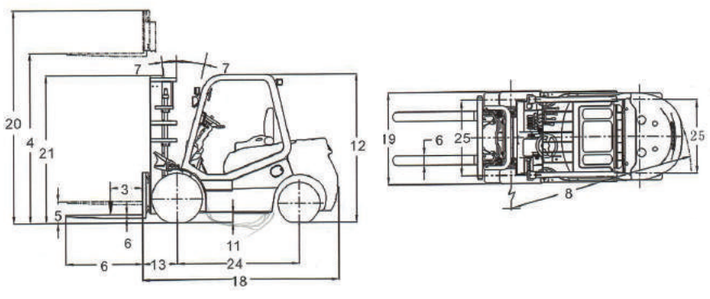


SPECIFICATIONS

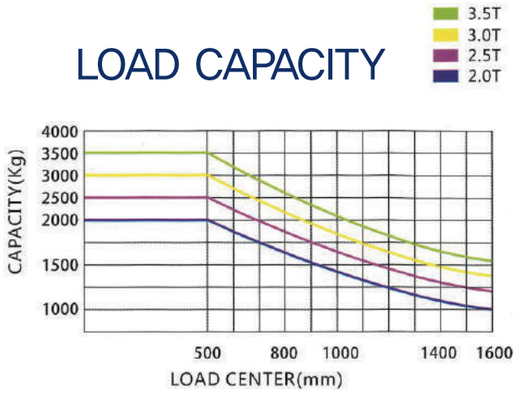
	Model			UNIT	CPCD30J
1	Features	Power type			Diesel
2		Rated load		kg	3000
3		Load center distance		mm	500
4		Lift height		mm	3000
5		Free lift height		mm	130
6		Fork size	L x W x T	mm	1070 x 125 x 45
7		Mast tilt angle	FR/RR	°	6/12
8		Minimum turning radius		mm	2500
9		Minimum right angle stacking aisle width		mm	4285
10		Minimum right angle aisle width		mm	2495
11		Minimum ground clearance		mm	135
12		Height of overhead guard		mm	2105
13		Overhang(FR)		mm	485
14	Performance	Maximum travel speed	Load / Unload	km/h	18/19
15		Maximum lift speed	Full load	mm/s	460
16		Maximum drawbar pull	Full load	KW	24
17		Gradeability		%	30
18	Dimension	Overall length	Without forks	mm	2740
19		Overall width		mm	1150
20		Fork height at maximum lift(with backrest)		mm	4255
21		Mast height		mm	2080
22	Chassis	Tires	Front wheel		28x9-15-14PR
23			Rear wheel		6.50-10-10PR
24		Wheelbase		mm	1700
25		Tread	Front wheel/rear wheel	mm	1000/970
26		Self weight	Without load	Kg	4300
27	Drive	Battery	Voltage/capacity	V/Ah	12/80
28		Engine	Model		Mitsubishi S4S
29			Rated output	kW/RPM	35.4/2250
30			Rated torque	Nm/RPM	166/1700
31			Bore x stroke	mm	94 x 120
32			Number of cylinders		4
33			Displacement	cc	3331
34		Fuel tank capacity		L	60
35		Transmission(FWD/RWD)			FWD 3 / RWD 3
36		Operating pressure		Mpa	18.5
37	Supplement	Tire type(FR/RR)			Pneumatic
38		Number of wheels(FR/RR)			2/2
39		Lowering speed(full load)		mm/s	500
40		Lowering speed(no load)		mm/s	490
41		Axle load distribution(full load)(FR/RR)		kg	6340/920
42		Axle load distribution(no load)(FR/RR)		kg	1700/2580



DRAWING

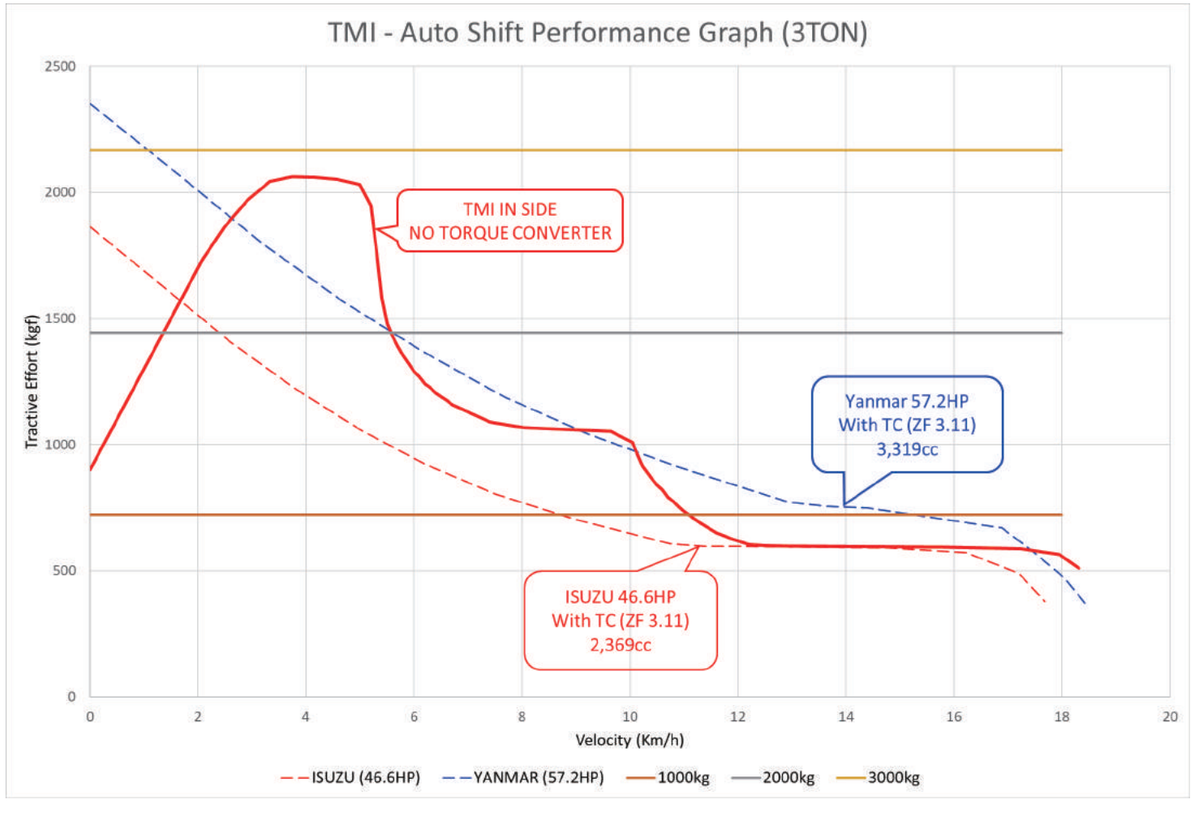


LOAD CAPACITY



Z-SERIES FD35R

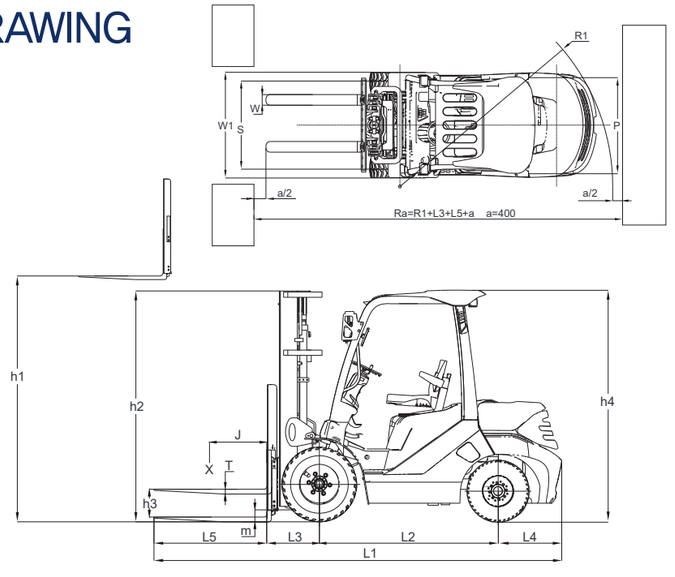




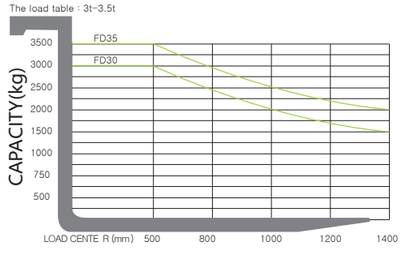
SPECIFICATIONS

		Model		UNIT	FD35R
1	Features	Power type			Diesel
2		Rated load		kg	3500
3		Load center distance		J(mm)	500
4		Lift height		H1(mm)	3000
5		Free lift height		H3(mm)	160
6		Fork size	L x W x T	L5 x W x T(mm)	1070 x 125 x 50
7		Mast tilt angle	FR/RR		6/12
8		Minimum turning radius		R1(mm)	2660
9		Minimum ground clearance		Ra(mm)	4625
10		Height of overhead guard		H4(mm)	2200
11		Overhang(FR)		L3(mm)	495
12	Performance	Maximum travel speed	loaded	km/h	18/19
13		Maximum lift speed	(loaded / empty)	mm/s	(470/520)
14		Maximum drawbar pull	Full load	kN	23
15		Gradeability		%	26
16	Dimension	Overall length	With forks	L1(mm)	3900
17		Overall width		W1(mm)	1230
18		Mast lowered height		h2(mm)	2155
19		Mast extended height		mm	4265
20	Chassis	Tire Front			28x9-15-12PR
21		Tire Rear			6.50-10-10PR
22		Wheelbase		L2(mm)	1700
23		Tread width(Front/Rear)		S/P(mm)	1000/970
24		Curb weight(None-load)Battery(Voltage/capacity)		kg	4700
25	Engine	Battery	Voltage/capacity	V/Ah	12/90
26		Model			Mitsubishi S4S
27		Rated power		kW/RPM	35.4/2250
28		Rated torque		Nm/RPM	166/1700
29		Cylinders amount			4
30		Bore x stroke		mm	94x120
31		Displacement		L	3331
32		Fuel tank capacity		L	66
33		Transmission(FWD/RWD)			FWD 3 / RWD 3
34		Working pressure		MPa	17

DRAWING



LOAD CAPACITY



YouTube TMI animation

ALPHA
INFINITRANS

Let's start your journey to meet 4th generation technology
and eco-friendly vehicle. From now on, a new history of
cutting-edge technology will be admired by the world

ISO 9001
ISO 14001

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