FX-SERIES SPECIFICATIONS



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FX-SERIES


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33-360
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FYH
AUTO
FYH-SERIES

MODELS	FXR 17-360 FREIGHTER	FXR 17-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER	FXZ 26-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER AUTO	FXZ 26-350 FREIGHTER AUTO EURO 5
SMOD	M180FB3	M180FB4	M180FB5	M180FB8	M180FC1	M180FC2
Axle layout	4X2	4X2	6X4	6X4	6X4	6X4
Control	Forward	Forward	Forward	Forward	Forward	Forward
MASS						
Permissible Body + Payload (kg)	10350	10350	17500	17500	17420	17420
Tare - Total (T) (kg)	6150	6150	8000	8000	8080	8080
Tare - Front (kg)	3950	3950	4040	4040	4000	4000
Tare - Rear (kg)	2200	2200	3960	3960	4080	4080
GVM (kg)	16500	16500	25500	25500	25500	25500
V (kg)	16500	16500	25500	25500	25500	25500
GCM (kg)	36000	36000	45000	45000	45000	45000
D/T (kg)	36000	36000	45000	45000	45000	45000
Axle - Front GA/GAU (kg)	7500	7500	7500	7500	7500	7500
Axle - Front A/AU (kg)	7500	7500	7500	7500	7500	7500
Axle - Rear GA/GAU (kg)	13000	13000	21000	21000	21000	21000
Axle - Rear A/AU (kg)	9000	9000	18000	18000	18000	18000
Litres of Fuel Tank 1 Included in Tare (litres)	15	15	15	15	15	15
Litres of Fuel Tank 2 Included in Tare (litres)	-	-	-	-	-	-
Tools included in tare	Jack, warning triangle, basic tool kit					
Spare wheel included in tare	Yes	Yes	Yes	Yes	Yes	Yes
Fifth Wheel Included in tare	No	No	No	No	No	No
PERFORMANCE						
Gradeability at V (%)	63,4	63,4	40,17	40,17	41,1	41,1
Gradeability at D/T (%)	29,06	29,06	22,76	22,76	23	23
Max. geared road speed - Without SLD (km/h)	120	120	118	118	116	116
Max allowable speed (SLD for SA)	80	80	80	80	80	80
MAJOR DIMENSIONS						
OL - Overall Length (mm)	10000	10000	10990	10990	10990	10990
OW - Overall Width (mm)	2515	2515	2515	2515	2515	2515
WB - Wheelbase (mm)	5740	5740	6010	6010	6010	6010
CA – Cab to Bogie / Rear Axle (mm)	5070	5070	5340	5340	5340	5340
CE – Cab to End of Chassis (mm)	7840	7840	8840	8840	8840	8840
OH - Overall Height (mm)	2980	2980	2980	2980	2980	2980

FXZ 28-360 COMPACTOR	FXZ 28-350 COMPACTOR EURO 5	FXZ 26-360 MIXER	FXZ 26-360 TIPPER	FYH 33-360 MIXER AUTO	FYH 33-350 MIXER AUTO
M180FB7	M180FB9	M180FD2	M180FC9	M180FN2	M180FN3
6X4	6X4	6X4	6X4	8X4	8X4
Forward	Forward	Forward	Forward	Forward	Forward
MASS					
19900	19900	17820	17970	22270	22270
8000	8000	7680	7530	9380	9380
4040	4040	4070	3950	6080	6080
3960	3960	3610	3580	3300	3300
28000	28000	25500	25500	33000	33000
27900	27900	25500	25500	31650	31650
45000	45000	43500	43500	45000	45000
45000	45000	43500	43500	45000	45000
7500	7500	7500	7500	15000	15000
7500	7500	7500	7500	15000	15000
21000	21000	21000	21000	21000	21000
20400	20400	18000	18000	18000	18000
15	15	15	15	15	15
-	-	-	-	-	-
Jack, warning triangle, basic tool kit					
Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No
PERFORMANCE					
36,72	36,72	45,19	45,19	18,82	18,82
22,76	22,76	26,49	26,49	13,8	13,8
118	118	107	107	97	97
80	80	80	80	80	80
MAJOR DIMENSIONS					
10990	10990	7790	7790	9040	9040
2515	2515	2515	2515	2515	2515
6010	6010	4330	4330	4830	4830
5340	5340	3660	3660	5190	5190
8840	8840	5640	5640	6900	6900
2980	2980	2980	2980	3068	3068
1480	1480	1480	1480	1480	1480

MODELS	FXR 17-360 FREIGHTER	FXR 17-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER	FXZ 26-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER AUTO	FXZ 26-350 FREIGHTER AUTO EURO 5
FOH – Front Overhang (mm)	1480	1480	1480	1480	1480	1480
ROH – Rear Overhang (mm)	2780	2780	2815	2815	2815	2815
Rear Axle Bogie Spacing (mm)	-	-	1370	1370	1370	1370
1/2 Rear Axle Bogie Spacing (mm)	-	-	685	685	685	685
EH – Chassis Rear End Height (mm)	1135	1135	1150	1150	1150	1150
HH – Ground Clearance (mm)	260	260	260	260	260	260
Chassis Width - Rear (mm)	850	850	850	850	850	850
Turning Radius - Curb to Curb (mm)	9900	9900	10400	10400	10400	10400
Turning Radius - Wall to Wall (mm)	11800	11800	12300	12300	12300	12300
ENGINE						
Make	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU
Model	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC
Capacity (cm3)	9839	9839	9839	9839	9839	9839
Layout	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6
Type	Turbocharged Intercooled Common Rail					
Power @ r/min (kW)	265 @ 2000	257 @ 2000	265 @ 2000	257 @ 2000	265 @ 2000	257 @ 2000
Torque @ r/min (Nm)	1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400
Emissions Standard	Euro 3	Euro 5	Euro 3	Euro 5	Euro 3	Euro 5
CLUTCH						
Make	Exedy	Exedy	Exedy	Exedy	N/A	N/A
Model	430	430	430	430	N/A	N/A
Type	Single	Single	Single	Single	N/A	N/A
Diameter	430	430	430	430	N/A	N/A
Operation	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	N/A	N/A
TRANSMISSION						
Make	ZF	ZF	ZF	ZF	Allison	Allison
Model	ZF9S1310	ZF9S1310	ZF9S1310	ZF9S1310	4430	4430
Type	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Automatic	Automatic
Shift	Manual Gearshift	Manual Gearshift	Manual Gearshift	Manual Gearshift	Automatic	Automatic
No. of Gears Forward	9	9	9	9	6	6
First Gear Ratio : 1 (crawler where applicable)	9.480	9.480	9.480	9.480	4.700	4.700
Top Gear Ratio : 1	0.750	0.750	0.750	0.750	0.670	0.670
PTO (Power Take-Off)	PTO Ready	PTO Ready	PTO Ready	PTO Ready	PTO Ready	PTO Ready

FXZ 28-360 COMPACTOR	FXZ 28-350 COMPACTOR EURO 5	FXZ 26-360 MIXER	FXZ 26-360 TIPPER	FYH 33-360 MIXER AUTO	FYH 33-350 MIXER AUTO
1480	1480	1480	1480	1480	1480
2815	2815	1295	1295	1105	1105
1370	1370	1370	1370	1370	1370
685	685	685	685	685	685
1150	1150	1133	1133	1160	1160
260	260	260	260	260	260
850	850	850	850	850	850
10400	10400	7700	7700	10600	10600
12300	12300	9600	9600	12500	12500
ENGINE					
ISUZU	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU
6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC
9839	9839	9839	9839	9839	9839
Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6	Diesel Inline 6
Turbocharged Intercooled Common Rail					
265 @ 2000	257 @ 2000	265 @ 2000	265 @ 2000	265 @ 2000	257 @ 2000
1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400	1422 @ 1400
Euro 3	Euro 5	Euro 3	Euro 3	Euro 3	Euro 5
CLUTCH					
Exedy	Exedy	Exedy	Exedy	N/A	N/A
430	430	430	430	N/A	N/A
Single	Single	Single	Single	N/A	N/A
430	430	430	430	N/A	N/A
Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	N/A	N/A
TRANSMISSION					
ZF	ZF	ZF	ZF	Allison	Allison
ZF9S1310	ZF9S1310	ZF9S1310	ZF9S1310	4430	4430
Synchromesh	Synchromesh	Synchromesh	Synchromesh	Automatic	Automatic
Manual Gearshift	Manual Gearshift	Manual Gearshift	Manual Gearshift	Automatic	Automatic
9	9	9	9	6	6
9.480	9.480	9.480	9.480	4.700	4.700
0.750	0.750	0.750	0.750	0.670	0.670
PTO Ready	PTO Ready	PTO Ready	PTO Ready	PTO Ready	PTO Ready

MODELS	FXR 17-360 FREIGHTER	FXR 17-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER	FXZ 26-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER AUTO	FXZ 26-350 FREIGHTER AUTO EURO 5
DRIVE AXLE						
Make	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU
Model Axle Front	F075	F075	F075	F075	F075	F075
Model Drive Axle Rear	R130	R130	RT210	RT210	RT210	RT210
Hypoid	Standard	Standard	Standard	Standard	Standard	Standard
Final Ratio : 1	4.556	4.556	4.556	4.556	4.556	4.556
SUSPENSION						
Front	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs
Rear	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs
Shock Absorbers	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Stabilisers	Front & Rear	Front & Rear	Front	Front	Front	Front
STEERING						
Operation	Power	Power	Power	Power	Power	Power
BRAKES						
System Type	Full Air	Full Air	Full Air	Full Air	Full Air	Full Air
Front	Drums	Drums	Drums	Drums	Drums	Drums
Rear	Drums	Drums	Drums	Drums	Drums	Drums
Ant-Lock Braking System (ABS)	Standard	Standard	Standard	Standard	Standard	Standard
Park / Emergency System	Spring	Spring	Spring	Spring	Spring	Spring
Exhaust Brake	Standard	Standard	Standard	Standard	Standard	Standard
Engine brake	No	No	No	No	No	No
Retarder	Optional	Optional	Optional	Optional	Optional	Optional
ELECTRICAL & FUEL						
Fuel Tank 1 Capacity (litres)	400	400	400	400	400	400
Fuel Tank 2 Capacity (litres)	-	-	-	-	-	-
TYRES						
Size & Ply Rating - Front	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5
Size & Ply Rating - Rear	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5

FXZ 28-360 COMPACTOR	FXZ 28-350 COMPACTOR EURO 5	FXZ 26-360 MIXER	FXZ 26-360 TIPPER	FYH 33-360 MIXER AUTO	FYH 33-350 MIXER AUTO
DRIVE AXLE					
ISUZU	ISUZU	ISUZU	ISUZU	ISUZU	ISUZU
F075	F075	F075	F075	2 X F075	2 X F075
RT210	RT210	RT210	RT210	RT210	RT210
Standard	Standard	Standard	Standard	Standard	Standard
4.556	4.556	5.125	5.125	5.571	5.571
SUSPENSION					
Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Front	Front	Front	Front	Front	Front
Front	Front	Front	Front	No	No
STEERING					
Power	Power	Power	Power	Power	Power
BRAKES					
Full Air	Full Air	Full Air	Full Air	Full Air	Full Air
Drums	Drums	Drums	Drums	Drums	Drums
Drums	Drums	Drums	Drums	Drums	Drums
Standard	Standard	Standard	Standard	Standard	Standard
Spring	Spring	Spring	Spring	Spring	Spring
Standard	Standard	Standard	Standard	Standard	Standard
No	No	No	No	No	No
Optional	Optional	Optional	Optional	Optional	Optional
ELECTRICAL & FUEL					
400	400	200	200	400	400
-	-	-	-	-	-
TYRES					
315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5
315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5

MODELS	FXR 17-360 FREIGHTER	FXR 17-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER	FXZ 26-350 FREIGHTER EURO 5	FXZ 26-360 FREIGHTER AUTO	FXZ 26-350 FREIGHTER AUTO EURO 5
CAB & EXTRAS						
Type	Medium	Medium	Medium	Medium	Medium	Medium
Roof	Low	Low	Low	Low	Low	Low
No. of Bunks	1	1	1	1	1	1
No. of Seats	3	3	3	3	3	3
Air Conditioning	Standard	Standard	Standard	Standard	Standard	Standard
Driver Airbag	Standard	Standard	Standard	Standard	Standard	Standard
Radio / CD	Standard	Standard	Standard	Standard	Standard	Standard
Tachograph	Optional	Optional	Optional	Optional	Optional	Optional
Telematics	Standard	Standard	Standard	Standard	Standard	Standard
Tilt Cab	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump

FXZ 28-360 COMPACTOR	FXZ 28-350 COMPACTOR EURO 5	FXZ 26-360 MIXER	FXZ 26-360 TIPPER	FYH 33-360 MIXER AUTO	FYH 33-350 MIXER AUTO
CAB & EXTRAS					
Medium	Medium	Medium	Medium	Medium	Medium
Low	Low	Low	Low	Low	Low
1	1	1	1	1	1
3	3	3	3	3	3
Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard
Optional	Optional	Optional	Optional	Optional	Optional
Standard	Standard	Standard	Standard	Standard	Standard
Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump	Yes, Hydraulic / Electric with Mechanical Hand Pump

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Specifications correct at time of print. Ts & Cs apply. E&OE. May 2023.