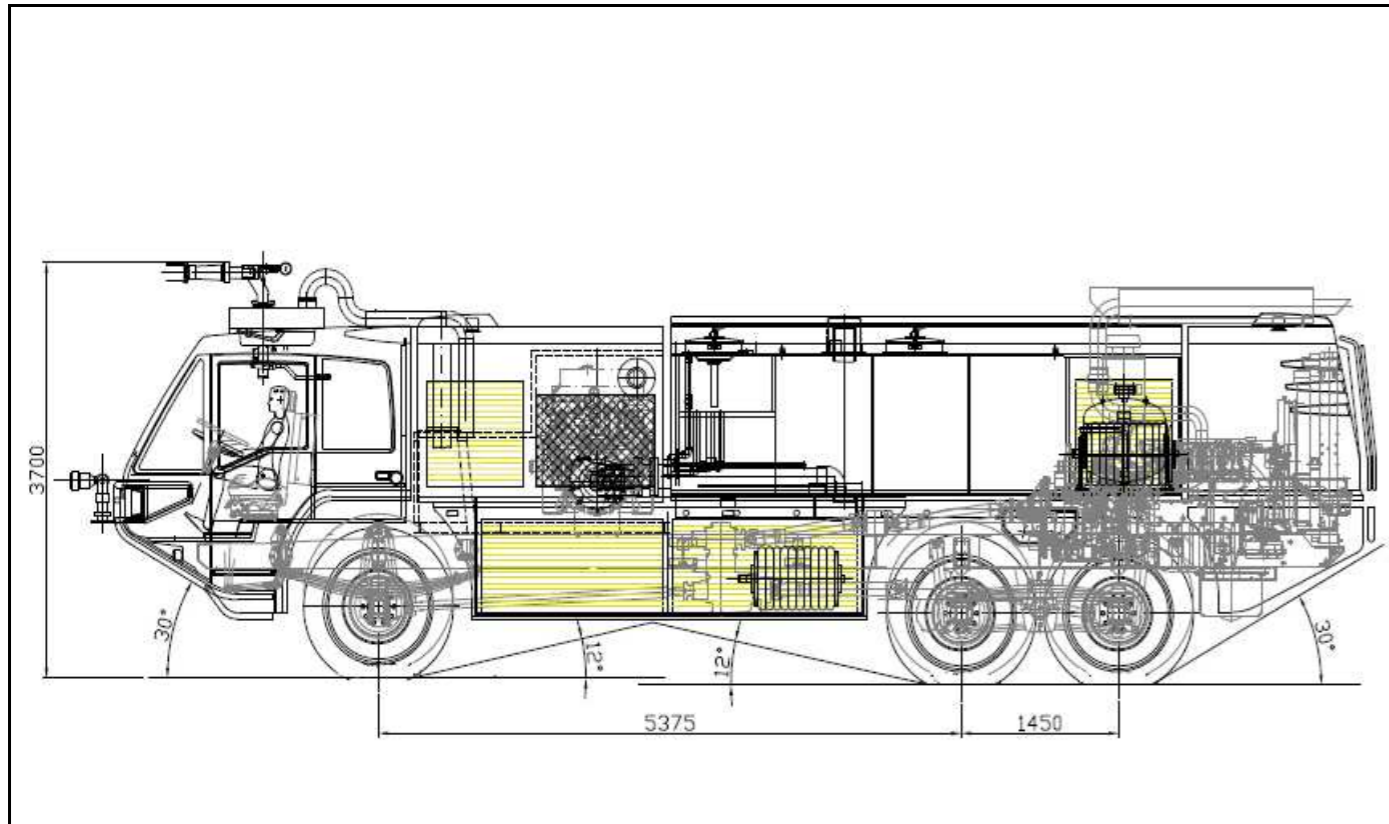




MORITA AIRPORT RESCUE FIRE FIGHTING VEHICLE

MJ-12F



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3 SIDE VIEW



FEATURES AND CONFIGURATIONS



MJ-12F not only conforms to ICAO standard and recommendations, but also passes stringent testing requirements of Morita's technical division.

A history of 101 years of serving Japanese market with unwavering reputation and 63.9% share of Japanese ARFF market are testimonies of reliance of Morita brand.

Standard at all major airports of Japan, MJ-12F with its heavy-duty body and high stability, enables safe and speedy rescue and fire fighting operations in airport emergencies.

All seams are welded to prevent bolts from falling down onto runway.

Drawing and functions

Front under truck nozzle

Hand line nozzle



Rear under truck nozzle

Accessible hand line hose reel

Water discharge test



Above pictures may include other ARFF model's functions.

MJ-12F

Technical data

Vehicle model	MJ-12F	
Main engine power	753KW, IVECO VECTOR 8	500KW, DEUTZ TCD 2015 V8
Transmission	Allison M6610	Allison 4800
Drive	6 x 6 , Center handle	
Angle of tilt	30 degrees or more	
Acceleration from 0 to 80 km/h	Within 26 seconds	Within 35 seconds
Max. speed	115 km / h	110 km / h
Brakes	From 32km/h Within 12m, From 64km/h Within 48m Dual circuits air assisted hydraulic brake with ABS system	
Tires wheels	24.00 R21	16.00 R20
Cabin	3+1 persons, Full GRP material for outline	
Body	Full GRP material comply DIN 53438, DIN 52306, DIN52307	
Water tank	3,000 gal. or more, full GRP material	
Foam tank	375 gal. or more, full GRP material	
Dry powder system	500 lbs. or more powder capacity	
Fire pump normal capacity	6,000 L/min or more at 15 bar	
Independent engine for fire system	200KW or more	
Main monitor output	Full flow 1,500 GPM. or more, Half flow 750 GPM or more, 105 degrees or more (right/left), 45 degrees or more (upward) Straight/far point : atleast 9m to 76m or more	
Dimensions	Length : Approx.12.2m Width : Approx.3.3m Height : Approx.3.7m	Length : Approx.12.2m Width : Approx.3.0m Height : Approx.3.7m
Approach angle	30 degrees	
Departure angle	30 degrees	
Grand clearance	330mm or more	
Visibility	90 degrees (right and left)	
Noise level in cabin	85 dB or less	
Air conditioning system	20,000 BTU/h or more	
Bumper turret	400L/min or more at 12 bar	
Driver seat	One Adjustable (up-down), (front-rear)	
Co-Driver seat	One Adjustable (up-down), (front-rear)	
Crew seat	Two fixed in the cabin	
Pump proportioner	3-6%	
Under truck nozzle	2 or more, each 60L/min or more	
First attack hose reel	25m	
Main control panel	ecessary control devices and gauges for fire fighting are provide	
Side control panel	Necessary control devices and gauges are provided on left side	

WATER DISCHARGE TEST



DRIVING PERFORMANCE TEST



TILTING TEST

