

Aviphilic Aero

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Maintenance Platform MP70

The MP70 Series Maintenance Platform Vehicle is designed for aircraft ground support personnel use. It allows servicing of aircraft within its maximum working height limit. The maintenance vehicle consists of a diesel engine driven chassis, hydraulically actuated scissor lift mechanism, platform and stabilizers. Stabilizers provide increased stability with platform raised. Platform and stabilizer control is achieved using reliable solenoid operated valves. All functions, except stabilizer retraction, may be operated from platform mounted control panel.



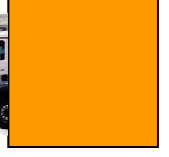
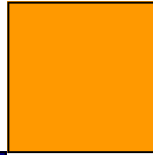
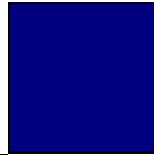
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MP 70 Specification

Overall dimension:	L6970 mm x H2900 mm x W2400 mm
Platform height:	1800mm – 7600mm
Platform (L×W):	4350mm×2100mm
Platform extended:	1300mm
Lifting capacity:	1800kg (evenly distributed load)
Unladen weight:	8500 kg
Height of platform railings:	1100mm
Engine:	Deutz D2011 L4, 4 cycle, in line, Diesel, Euro III 47.5KW @ 2600 rpm (Max. rated output) 190Nm@ 1700 rpm (Max. torque rating)
Transmission:	Oerlikon Graziano PST2, Power shift with torque converter, 2 forward/ 1 reverse
Front axle:	Disk brake, Alloy steel leaf spring, 4700 kg
Rear axle:	Drum brake, Alloy steel leaf spring, 5000 kg
Tire:	235/75R17.5 16PR
Parking brake:	Spring brake actuators acting on drive shaft
Cab:	2 seats for driver & passenger
Lifting scissors:	3 scissors lift with 2 single stage cylinders
Platform:	Galvanized anti-skid plate
Electric system:	Honeywell toggle switches, “Pressure hold” button
Hydraulic system:	14 MPa, adjustable by relief valve Solenoid operated valves, 4 stabilisers
Interlocks:	Prevent vehicle drive with raised platforms or with stabilizers lowered, prevent platform rising with- out stabilizers /prevent lowering while extended