

Mobile Control Tower DISK 2 MSM

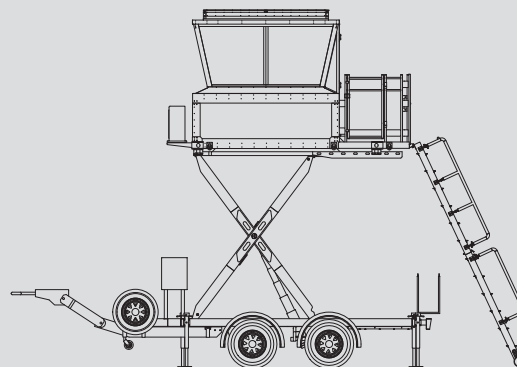
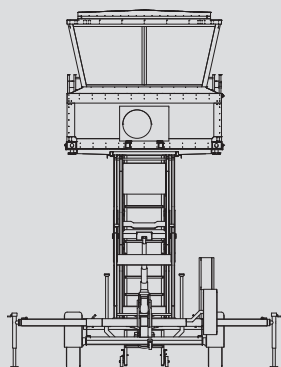
MATC DISK 2 MSM serves as a full-service replacement for a classic airport tower, it is usable in field conditions as well when providing maintenance lockout of classical tower. Tower construction is made of aluminium. MATC DISK 2 MSM is proposed as a modular system which may be placed on a truck of N2G type, trailer up to 3500 kg or on a container which may serve as a technological or logistic background.

As a matter of fact, MATC DISK 2 MSM can be manufactured in a ballistic protection. Internal equipment is customer-specific, we are able to supply and install complete survey (NVG, Camera systems, thermovision systems), radio communication and meteorological equipment according to the specifications.

Dimensions:

Cabin:	width	2,500 cm
	length	3,875 cm
	height	2,200 cm
Cabin on trailer:	width	2,650 cm
	length	5,050 cm
	height	3,100 cm
Cabin on trailer: (extended and spread)	width	4,510 cm
	length	8,270 cm
	height	5,510 cm

Mobile tower can be transported by air (C-130 Hercules, C27 J SPARTAN).



Specification of DISK 2 MSM of a trailer:

Hydraulics:

- seven stroke cylinder 7007F:
 - maximum operational pressure..200 bar
 - length of degree320 mm
 - stroke 1,710 mm
 - oil amount 13 l
 - total load capacity..... 11 tons at 180 b
- hydraulic aggregate to platform:
 - flow rate 12 l/min
 - max. pressure..... 180 bar
 - electric engine..... 4 kw/400 V/50 Hz
 - steel tank..... 60 l
- block HAWE for stroke cylinder (valve, 24 VDC activation, throttle valve), manometer reverse filterfilling and air filter with optical indication, level transmitter

Power supply:

- 400 V/4 kW



Tactical-technical parameters:

Generator	HONDA ECMT 7000	–	3-PHASIC
	max performance / operational perf.	kva	7.0/6.5
	voltage / frequency	v/hz	400/50
	power factor	cos Φ	0.8
	current	A	9.5
Engine	engine volume	cm ³	389
	operational time when loaded on 3/4	hours	9
	cooling	l/hour	by air
	starting	l/hour	manual
	tank volume	l	22.8
	fuel consumption	l/hour	2.8
	max. guaranteed noise level	dB(a)	97
Equipment	voltage regulation	–	composite transformer
	protection level	–	ip 23
	AC circuit breaker	–	yes
	oil sensor	–	yes
	hour meter	–	yes
	weight (without fillings)	kg	104
Chassis	axle ALKO B2500-8 bear. cap. of the axle 2,500 kg	pcs	2
	wheel brake unit 3062	–	
	shaft	–	ALKO AEH351VB-2
	towing eye	–	DIN D40/G/ NATO STANDARD
	support rotary wheel load capacity	kg	1,000
	wheels 215/75 R17.5 135J 6Jx17,5 6x205 ET0	pcs	4
	reserve wheel	pcs	1
Total weight of DISK 2	kg	3,490	



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