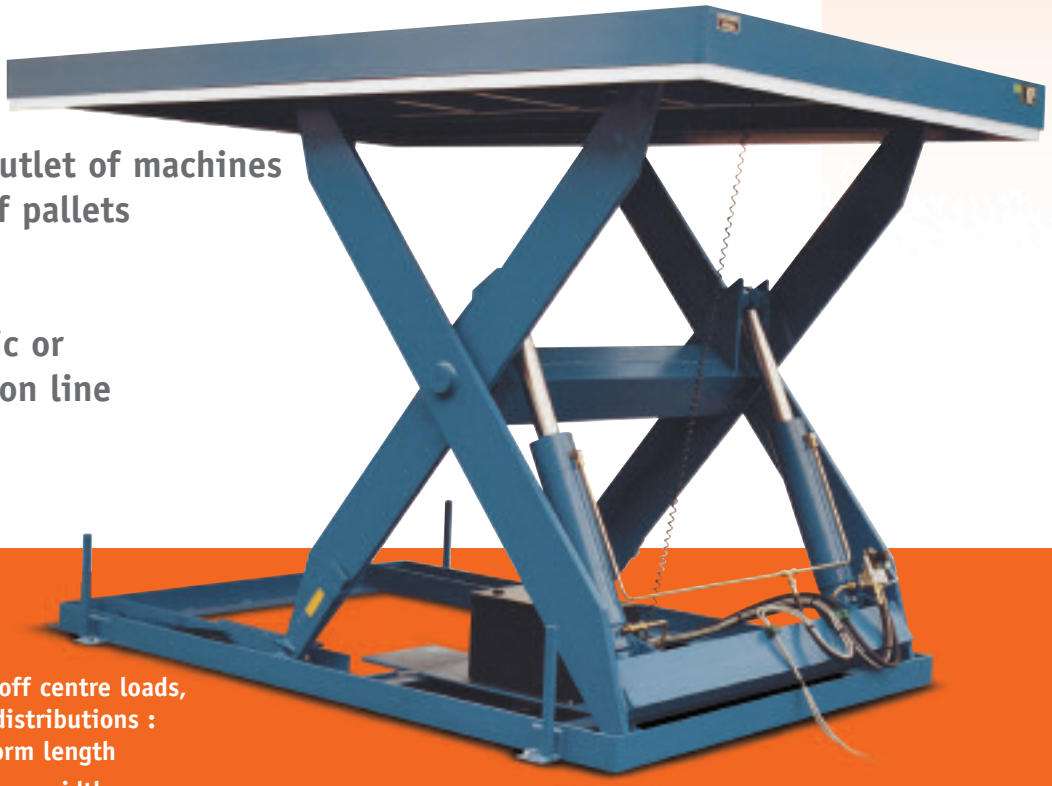
FABRICATIONS ATLAS

LIFTING tables and platforms

Type AVL

Loading capacity

500 up to 2000 daN



- Vehicle transfer
- Useful at the inlet and outlet of machines
- Loading and unloading of pallets
- Transferring loads
- Change of level
- Incorporated in automatic or semi-automatic production line
- ...Your own application

DESIGN

- The lifting tables model AVL are designed to carry dynamic and off centre loads, within the limits of the allowable distributions :
  1/2 of the load on 1/2 of the platform length
  1/3 of the load on 1/2 of the platform width
- Platform made in plain or "tear drops" steel sheet.
- Articulations, bearings and rollers without maintenance.
- Hydroelectric power unit placed within the base frame with IP 54 motor.
- Electrical chest placed outside for 230/400 volts supply 3 phase 50 Hz linked to the lifting table by 3 metres of cables.

THIS ELECTRICAL CHEST INCLUDES :

- A circuit-breaker with a padlocked remote control.
- A motor switch.
- Protection fuses.
- A transformer for the 24 V voltage.
- "Up-down-emergency stop" push-buttons control, linked to an electrical control chest with a 3 metres cable.
- Connecting cables type FR-N05-VV5F for control chest / lifting table / button box.
- Colour : BLUE RAL 5014.




TYPE AVL 05	Capacity (daN)	Platform dimensions (mm)	Collapsed height (mm)	Stroke (mm)	High position (mm)	Motor power	Lifting time	Weight (kg)
AVL 05-1208	500	1200x800	182	800	982	1,1 KW	20 s.	225
AVL 05-1210	500	1200x1000	182	800	982	1,1 KW	20 s.	235
AVL 05-1212	500	1200x1200	182	800	982	1,1 KW	20 s.	240
AVL 05-1608	500	1600x800	280	1000	1280	1,1 KW	15 s.	350
AVL 05-1610	500	1600x1000	280	1000	1280	1,1 KW	15 s.	385
AVL 05-1612	500	1600x1200	280	1000	1280	1,1 KW	15 s.	410
AVL 05-2010	500	2000x1000	330	1300	1630	1,1 KW	20 s.	470
AVL 05-2012	500	2000x1200	330	1300	1630	1,1 KW	20 s.	495
AVL 05-2016	500	2000x1600	330	1300	1630	1,1 KW	20 s.	550

TYPE AVL 10	Capacity (daN)	Platform dimensions (mm)	Collapsed height (mm)	Stroke (mm)	High position (mm)	Motor power	Lifting time	Weight (kg)
AVL 10-1208	1000	1200x800	182	800	982	1,1 KW	28 s.	250
AVL 10-1210	1000	1200x1000	182	800	982	1,1 KW	28 s.	260
AVL 10-1212	1000	1200x1200	182	800	982	1,1 KW	28 s.	265
AVL 10-1608	1000	1600x800	280	1000	1280	1,1 KW	22 s.	410
AVL 10-1610	1000	1600x1000	280	1000	1280	1,1 KW	22 s.	440
AVL 10-1612	1000	1600x1200	280	1000	1280	1,1 KW	22 s.	465
AVL 10-2010	1000	2000x1000	330	1300	1630	1,5 KW	22 s.	535
AVL 10-2012	1000	2000x1200	330	1300	1630	1,5 KW	22 s.	575
AVL 10-2016	1000	2000x1600	330	1300	1630	1,5 KW	22 s.	650
AVL 10-2514	1000	2500x1400	360	1650	2010	1,5 KW	31 s.	800
AVL 10-2516	1000	2500x1600	360	1650	2010	1,5 KW	31 s.	865
AVL 10-2520	1000	2500x2000	360	1650	2010	1,5 KW	31 s.	960
AVL 10-3016	1000	3000x1600	400	1900	2300	1,5 KW	40 s.	1045
AVL 10-3020	1000	3000x2000	400	1900	2300	1,5 KW	40 s.	1165

TYPE AVL 15	Capacity (daN)	Platform dimensions (mm)	Collapsed height (mm)	Stroke (mm)	High position (mm)	Motor power	Lifting time	Weight (kg)
AVL 15-1208	1500	1200x800	250	750	1000	1,1 KW	34 s.	400
AVL 15-1210	1500	1200x1000	250	750	1000	1,1 KW	34 s.	460
AVL 15-1212	1500	1200x1200	250	750	1000	1,1 KW	34 s.	510
AVL 15-1610	1500	1600x1000	280	1000	1280	1,1 KW	28 s.	550
AVL 15-1612	1500	1600x1200	280	1000	1280	1,1 KW	28 s.	600
AVL 15-1616	1500	1600x1600	280	1000	1280	1,1 KW	28 s.	700
AVL 15-2010	1500	2000x1000	350	1300	1650	1,1 KW	31 s.	700
AVL 15-2012	1500	2000x1200	350	1300	1650	1,1 KW	31 s.	750
AVL 15-2016	1500	2000x1600	350	1300	1650	1,1 KW	31 s.	900
AVL 15-2514	1500	2500x1400	360	1650	2010	3,5 KW	26 s.	950
AVL 15-2516	1500	2500x1600	360	1650	2010	3,5 KW	26 s.	1100
AVL 15-2520	1500	2500x2000	360	1650	2010	3,5 KW	26 s.	1200
AVL 15-3016	1500	3000x1600	400	1900	2300	3 KW	37 s.	1300
AVL 15-3020	1500	3000x2000	400	1900	2300	3 KW	37 s.	1450

TYPE AVL 20	Capacity (daN)	Platform dimensions (mm)	Collapsed height (mm)	Stroke (mm)	High position (mm)	Motor power	Lifting time	Weight (kg)
AVL 20-1208	2000	1200x800	270	720	990	1,1 KW	22 s.	490
AVL 20-1210	2000	1200x1000	270	720	990	1,1 KW	22 s.	550
AVL 20-1212	2000	1200x1200	270	720	990	1,1 KW	22 s.	600
AVL 20-1610	2000	1600x1000	300	1000	1300	1,5 KW	28 s.	650
AVL 20-1612	2000	1600x1200	300	1000	1300	1,5 KW	28 s.	700
AVL 20-1616	2000	1600x1600	300	1000	1300	1,5 KW	28 s.	800
AVL 20-2010	2000	2000x1000	350	1300	1650	1,5 KW	39 s.	800
AVL 20-2012	2000	2000x1200	350	1300	1650	1,5 KW	39 s.	850
AVL 20-2016	2000	2000x1600	350	1300	1650	1,5 KW	39 s.	1000
AVL 20-2514	2000	2500x1400	360	1650	2010	3 KW	28 s.	1030
AVL 20-2516	2000	2500x1600	360	1650	2010	3 KW	28 s.	1190
AVL 20-2520	2000	2500x2000	360	1650	2010	3 KW	28 s.	1300
AVL 20-3016	2000	3000x1600	400	1900	2300	3 KW	37 s.	1450
AVL 20-3020	2000	3000x2000	400	1900	2300	3 KW	37 s.	1600

Characteristics of our models can be modified without advice.

Type AVL

MAXIMUM SECURITY

through design and standard equipment.

- Double hydraulic security by incorporated valve in each cylinder and electrical non-return valve placed at the cylinders bottom. This security maintains and locks up the platform in case of electrical supply failure or hose breaking.
- Pressure limit valve set in factory to prohibit the lifting of a load heavier than the nominal capacity of the lifting table.
- Electrical end of stroke switch on high position, it ensures the automatic stop once the lifting platform reaches its maximum stroke.
- Safety frame underneath the platform perimeter stopping the lowering motion in cases of obstacles.
- "Up - Down" and "Emergency stop" push button controls 24 V.

IMPORTANT : the emergency stop cuts the power supply circuit.

- Safety legs necessary for the mechanical standing of the table for maintenance. These legs are designed to carry the nominal load.
- Control tests on each lifting table before dispatch.

RESPECT OF THE REGULATION

The design and the building of these standard lifting tables comply with the French regulation issued from the European Machines Directive n° 98/37 and norm EN 1570.

All our models are delivered with the EC conformity marking.

OPTIONS OR SPECIFIC EQUIPMENT

- Manual or hydraulic connecting bridge.
- Standard safety handrail.
- Side protection by bellows, reinforced skirt, dismantled plates.
- Turning, tilting and telescopic platform.
- Free or motorized rollers.
- Reinforced platform for overloads in low position.
- Wheels for manual or motorized displacement on the floor or on rails.
- Retractable plinth and stop.
- Special articulations for non-stop working at high rate of production.
- Constant levelling device by photo-electric cell for loading and unloading materials in plates (paperboard, wood, plaster...)
- Special electric components : explosion-proof, tropicalized, programmable automaton...

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