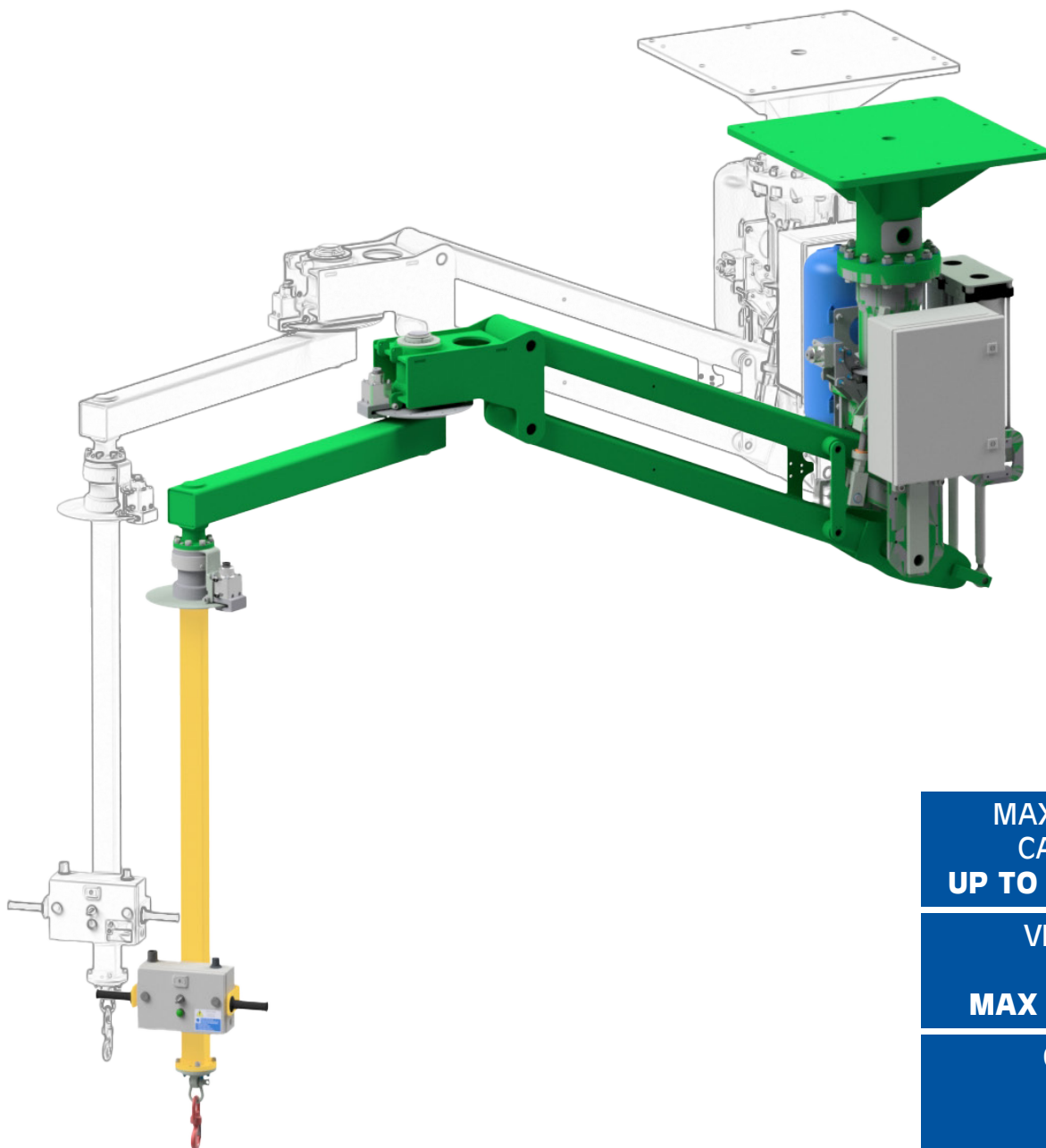


LIFTRONIC® AIR - CEILING MOUNTED 400



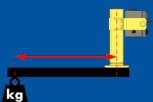
MAX GROSS
CAPACITY
UP TO 570 kg



VERTICAL
STROKE
MAX 2.33 m



OFF-SET
LOADS



INDEVA®

INTELLIGENT DEVICES FOR HANDLING

LIFTRONIC® AIR - CEILING MOUNTED 400

Model		LA400S				
Type		XS*	S	M	L	XL**
SQ⁽¹⁾ (Max Load capacity)	kg	570	530	400	310	235
Min Load capacity	kg	15	15	15	15	15
Misaligned loads	-	YES	YES	YES	YES	YES
LP	mm	1000	1250	1500	1750	2000
L1	mm	1345	1595	1845	2095	2345
L2	mm	655	905	1155	1405	1655
R1	mm	2000	2500	3000	3500	4000
R2	mm	932	1058	1194	1337	1485
R3	mm	1812	2265	2718	3172	3625
A⁽²⁾	mm	3880	4025	4271	4517	4863
B⁽²⁾	mm	1430	1430	1530	1630	1830
C⁽²⁾	mm	300	300	400	500	700
D Vertical stroke	mm	1167	1458	1750	2042	2333
E⁽²⁾	mm	2010	2010	2010	2010	2010
Weight (with column and load)	kg	1220	1200	1100	1030	990
Fv max⁽³⁾	daN	1400	1375	1250	1175	1125
Mges max⁽³⁾	daNm	1585	1890	1850	1820	1770

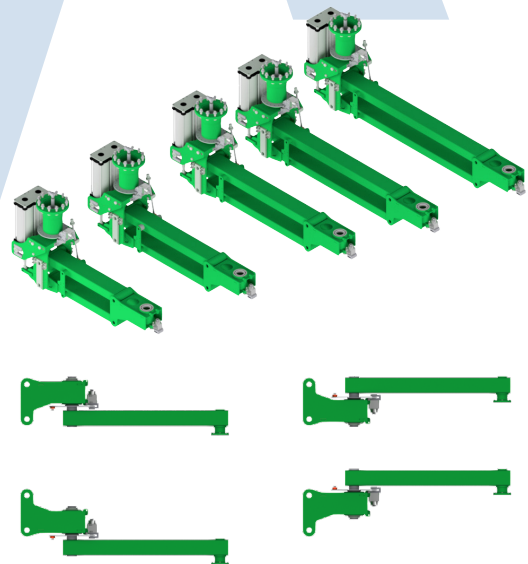
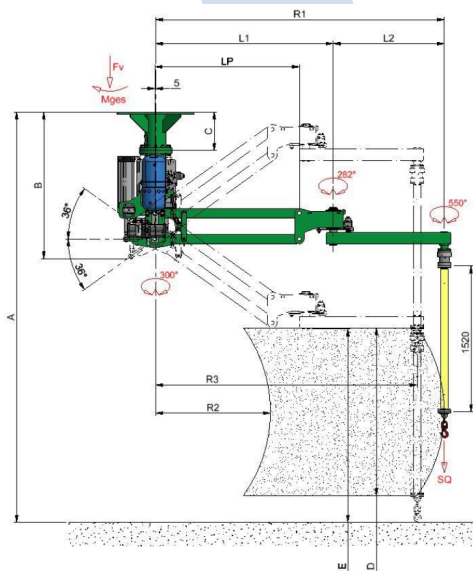
(1) Maximum load capacity SQ on the hook with standard tooling and with a compressed air supply of minimum 0.65 MPa (6.5 bar)

(2) Within certain limits, these values can be modified to suit specific requirements

(3) Values including the relevant safety factor, according to UNI EN 13001

* Hoist mode only

** Subject to approval by our engineers



GENERAL SPECIFICATIONS

- Air pressure 0,65 MPa (6,5 bar)
- Power supply 115/230V A/C 50 ÷ 60Hz
- Power consumption 100VA
- Enclosure protection IP54
- Noise level < 70 dB(A)
- Lifting speed max 30 m/min
- Main joint axis brake
- Middle joint axis brake
- Column rotation 360°
- Tool axis rotation 550°
- Slow descent in case of pressure failure
- Balancing type: automatic weight detect & balancing
- Flow rate during the lifting phase: 1300 NI/min
- Compressed air consumption: 118,7 NI for one complete stroke at maximum load
- Mounting plate size: 800 mm x 800 mm
- Colors: green - RAL 6018; yellow - RAL 1018
- Floor levelling required: ± 2 mm/m
- Fixing requirements: n°8 M16 bolts (8.8 class)

Due to continuous product improvement, these specifications may change without notice.

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Applicable standards:

- Essential safety requirements provided by Directive 2006/42/EC;
- Electrical Equipment - Electromagnetic Compatibility (EMC) Directive 2014/30/EU.

AVAILABLE OPTIONS

- Brake for up/down movement
- Pression booster
- Special painting
- Anchors
- Lifting height limiter stop
- Main joint rotation block
- Middle joint rotation block
- Top joint brake
- Working area sensor on main and middle joint

WORKING ENVIRONMENT CONDITIONS

- **Relative humidity rate:** from 30% to 90% \pm 5%
- **Working temperature** 5 to 50 °C
- **Working environment:** the system must be located indoor away from outdoor elements

SAFETIES

(when assembled with tooling)

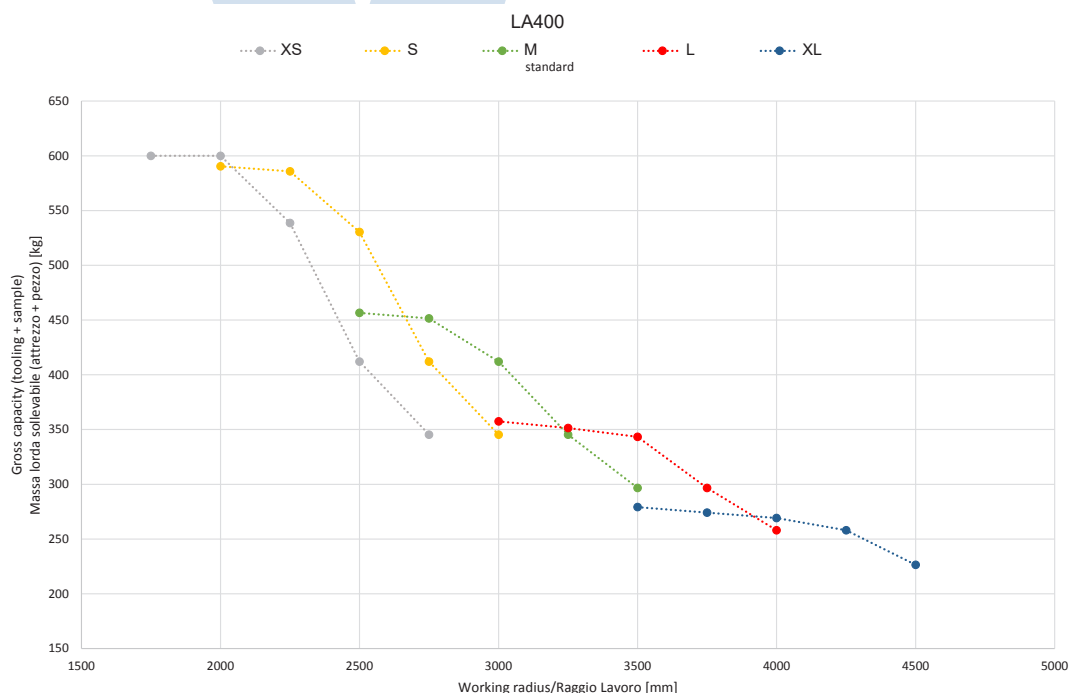
The system stops automatically when:

- A communication error is detected (fault inside the cables, fault inside an electronic board...);
- Electric power supply switches off;
- A fault inside the proportional electric valve is detected;
- A fault inside the proportional pneumatic valve is detected;
- The cylinder pressure is not congruent with required pressure;
- The STOP button is pressed

Other safeties:

- Load loss detection;
- The system generates warning (without stopping the balancer) in order to show "out of range" working situations;
- Maximum lifting load limitation by electronic control.

CONFIGURATION CHART



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