

HERCULES

LIFTING COLUMNS



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HERCULES lifting columns are designed for handling drums, containers, Intermediate Bulk Containers (IBCs/Bins) and small machines like pneumatic conveyors, mills and calibrators. They are available in different models:

- HERCULES Mini with load capacity up to 300 kg (500 kg with upper support).
- HERCULES Midi with load capacity up to 600 kg (990 kg with upper support).
- HERCULES Maxi with load capacity up to 2,000 kg (upper support included).

HERCULES Midi and Maxi are available also in the Mix version, combining lifting and blending.

MAIN FEATURES

- MAIN MOTOR POSITIONED AT THE BASEMENT FOR EASY MAINTENANCE
- LIFTING ACTION GIVEN BY A HIGH RESISTANCE CHAIN
- CERTIFIED BLOCSTOP™ TO STOP THE LIFTING ARM IN THE CASE OF FAILURE
- LOAD CELL WEIGHING SYSTEM TO STOP OVERLOAD (OPTION)
- ACCURATE FINISHING FOR EASY CLEANING OPERATIONS

CONTROL PANEL

The control panel is integrated in the column frame and allows machine operations, working cycle programming and display of process parameters and alarms. A remote control panel for wall installation is available.



The lifting arm can be completed with different holding systems:

- Holding platform for Intermediate Bulk Containers (IBCs/Bins).
- Locking system for drums.
- "Aries system" horizontal pipes for lifting and inverting drums.
- "Trigon system" for lifting and blending IBCs/Bins.
- The manual or automatic rotation of the column body is also available as an option.



HERCULES MIDI with cone for GHIBLI



Aries system to lift and invert drums

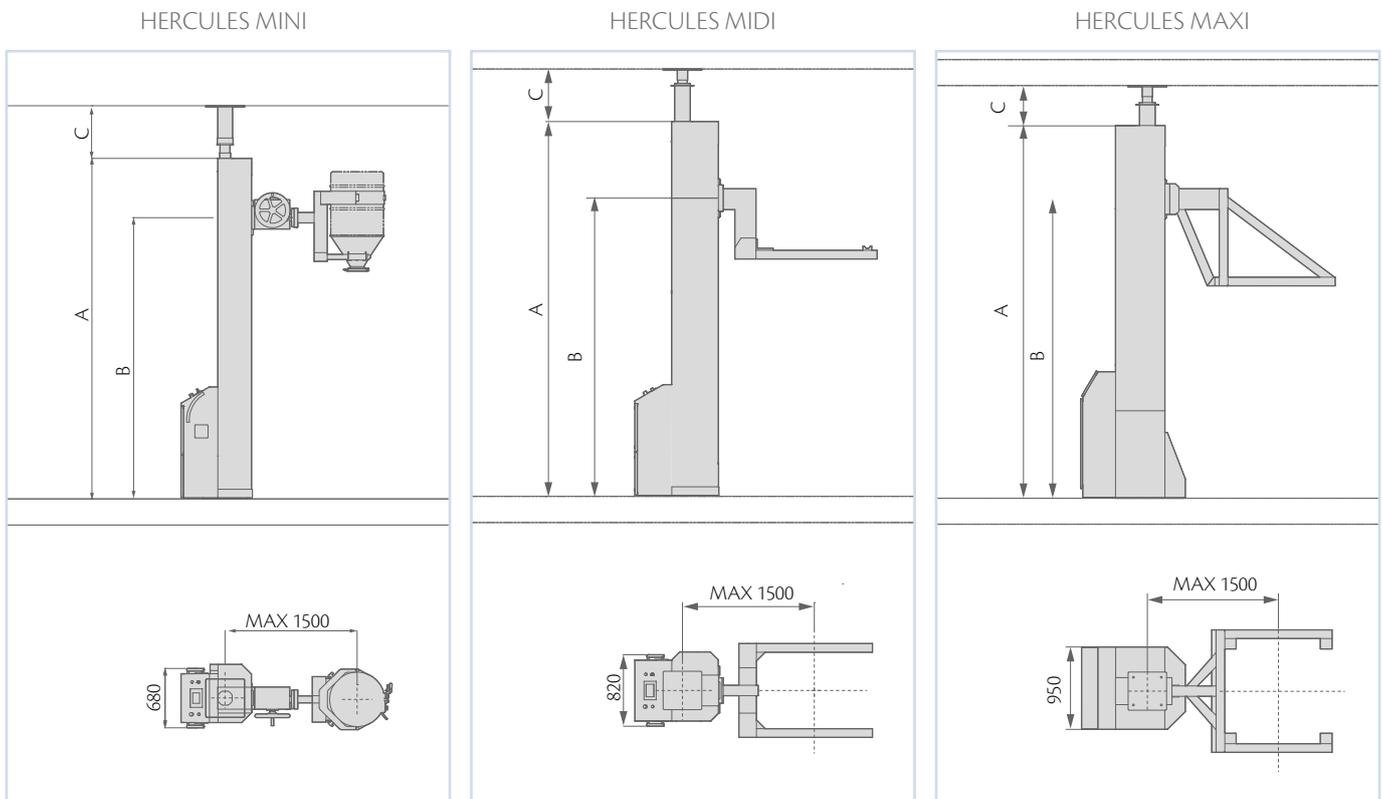


Customised lifting arm for drums



Trigon system to lift/blend bins

TECHNICAL DATA



Model	MINI			MIDI			MAXI		
Maximum load capacity for lifting (kg)	500			990			2,000		
Maximum load capacity for blending (kg)	-			500			1,000		
Lifting/lowering speed (m/sec)	0.09			0.08			0.015±0.05		
Power supply	400 V - 50 Hz - 3 phase AC								
Electric power installed - lifting (kW)	1.5			3			4		
Electric power installed - mixing (kW)	-			5.5			11		
Electric power installed - arm rotation (kW)	0.55			0.75			1.5		
Electric power installed - column body rotation (kW)	-			0.18			0.12		
Mixing speed (rpm)	-			4÷12					
Empty machine weight (kg)	750			1,600			2,600		
Full-load machine weight (kg)	1,250			2,600			4,600		
A (mm)	3,400	3,900	4,300	3,600	3,900	4,300	3,900	4,300	5,000
B (mm)	2,720	3,220	3,620	2,720	3,020	3,420	3,000	3,400	4,100
C (mm)	Min. 300 - Max. 700 (optional)						Min. 300 - Max. 700		

