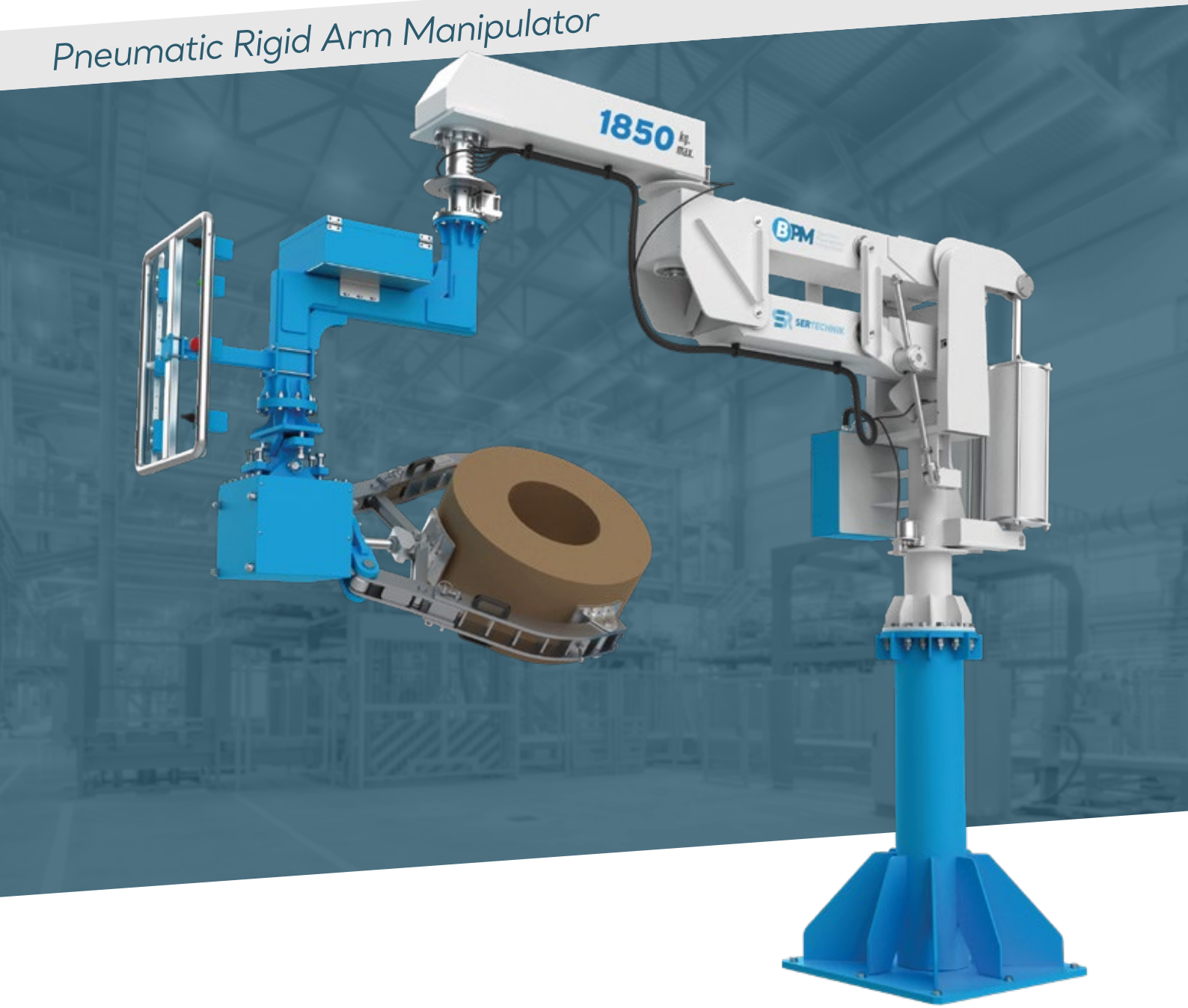
BPM Galactus

Pneumatic Rigid Arm Manipulator

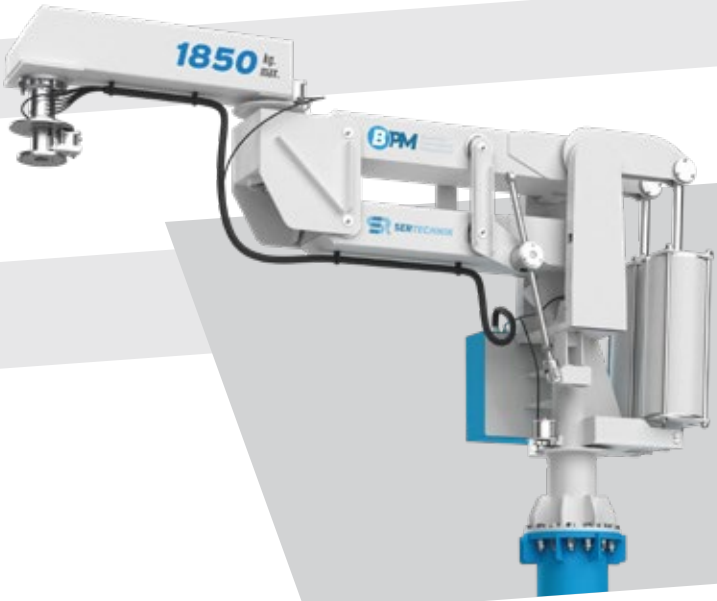


BPM Galactus Rigid Arm Manipulators are designed for **stable and controlled transport of loads under weightless conditions.** They are especially characterized by the **safe handling of off-set loads and vibration-free operation.**

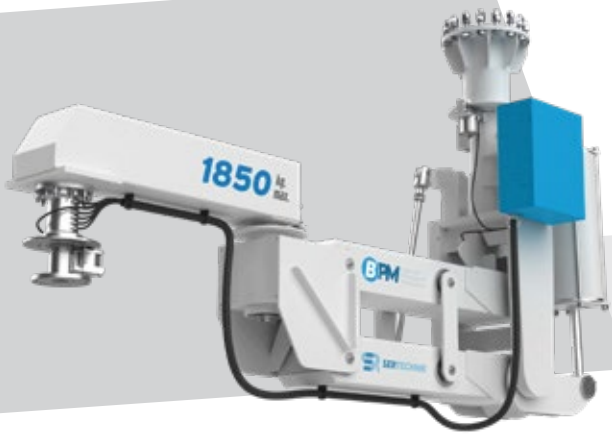
Maximum Safety – Brake and safety systems compliant with CE standards
Off-Set Load Handling – Stable balance with asymmetrical load distribution
Vibration-Free Transport – Smooth, shock- and vibration-free movement
Weightless Operation – Nearly zero operator effort thanks to pneumatic balancing
Precise Positioning – Micro-adjustments and full control in all directions
Drift Control – Special brakes ensure secure stopping
Flexible Mounting – Floor, ceiling, or rail-mounted configurations available
Gripper Options – Standard hooks or customized gripping tools

Operates with dry, filtered (40µm), oil-free compressed air at min. 0.7/0.8 MPa
Max. load capacity: **1.850 kg**, max. working radius: **5.000 mm**, vertical stroke: **3.000 mm**
Air consumption per cycle: **100–600 Nl**

Mounting Options

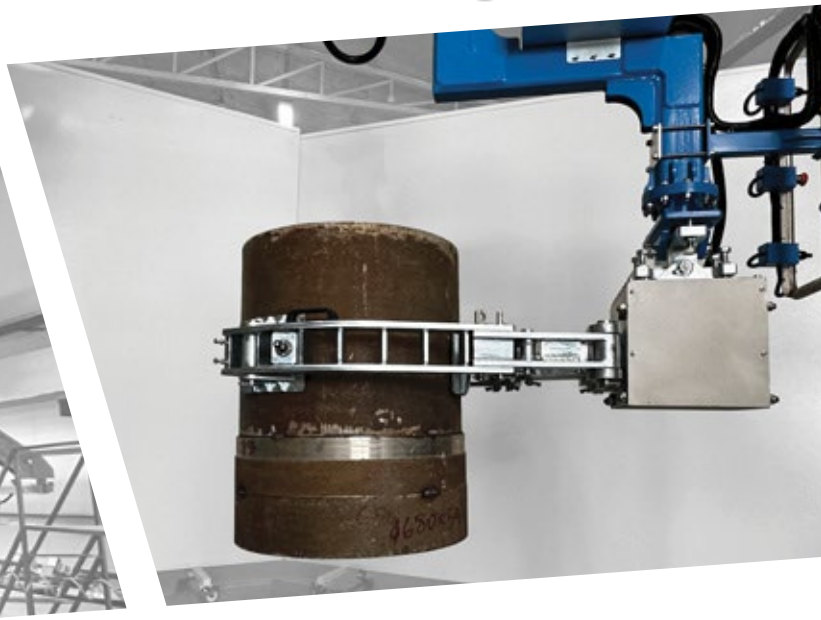


Galactus Column Mounted GLY



Galactus Overhead Mounted GLT

Galactus
Overhead Rail-Mounted GLTA



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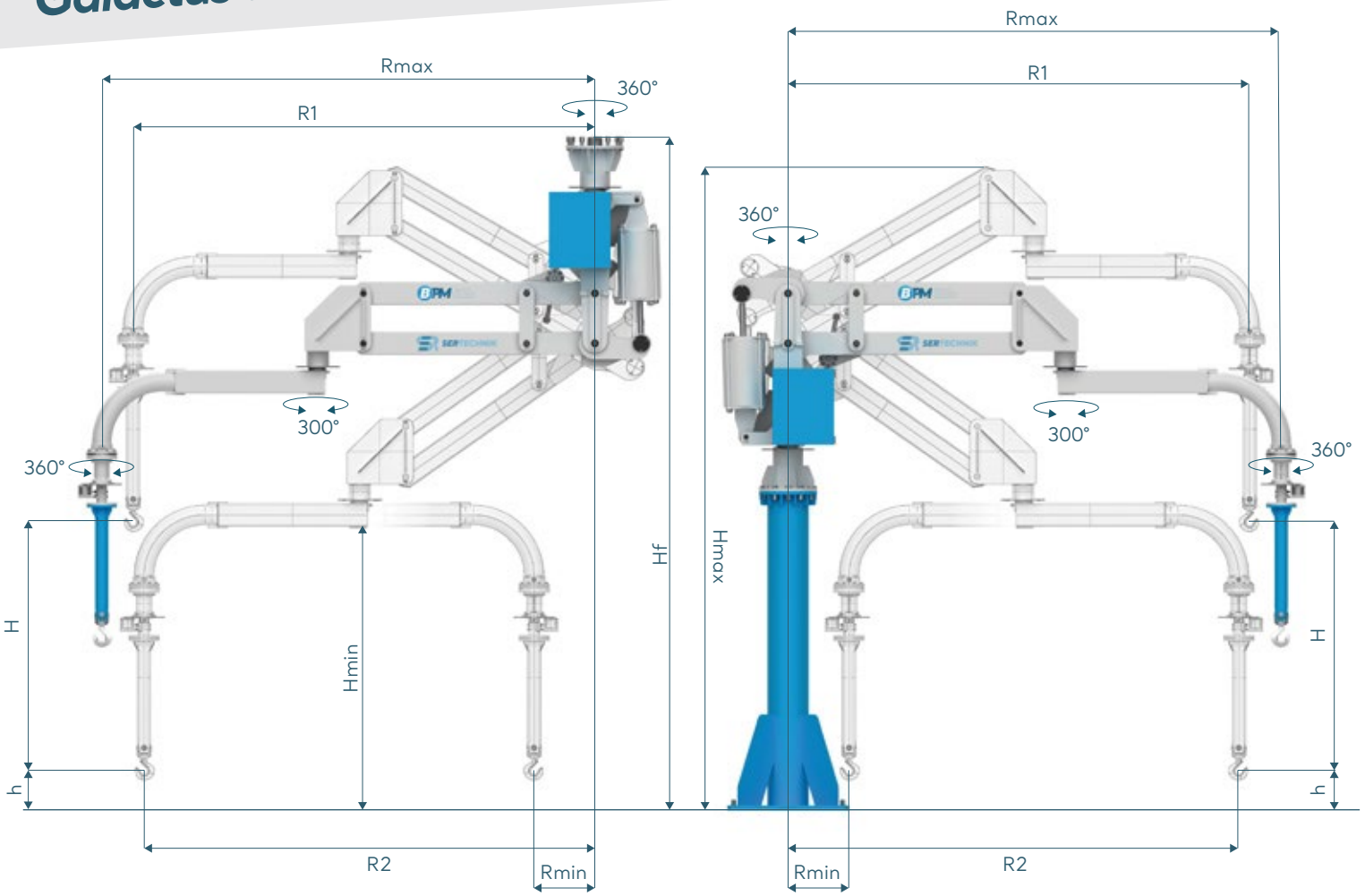
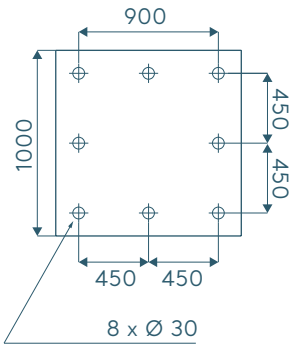
BPM Bayerische Pneumatische Manipulatoren

Galactus Technical Details



Maximum Load Capacity [kg]		1850	1600	1300	1100	950	780
Max. Working Radius [mm]	Rmax	2500	3000	3500	4000	4500	5000
Min. Working Radius [mm]	Rmin	800	920	1034	1139	1250	1342
Vertical Stroke [mm]	H	1500	1830	2150	2450	2750	3000
Min. Pick-up Height [mm]	*h	200	200	200	200	200	200
Max. Manipulator Height [mm]	*Hmax	4405	4734	5052	5350	5652	5902
Max. Ceiling Mounting Height [mm]	*Hf	4822	4980	5132	5275	5420	5540
Lower Edge of Main Body [mm]	*Hmin	2000	2000	2000	2000	2000	2000
Working Radius at Top Position [mm]	R1	2259	2707	3156	3608	4060	4520
Working Radius at Bottom Position [mm]	R2	2207	2643	3081	3523	3964	4415

* Dimensions may vary depending on customer-specific requirements.



Base Plate Dimensions [mm]

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