

Powered Wheel

Mecanum Wheel

ATOMBOTIX



SIMPLE STRUCTURE



Less components, easy to design

LOW SPEED



Stable, lower noise

HIGH PRECISION



Quick response, precise positioning, anti-interference

QUALITY DESIGN



Special structure design and manufacturing

FLEXIBLE TURNING DIRECTION



Omni-Directional movement, zero turning rotation

COMPACT STRUCTURE



Omni-Directional movement, zero turning rotation

Model	AB-M300-7	AB-M300-7R		
Rated Output Velocity (rpm)	150	81	130	175
No-load Velocity (rpm)	400	113	164	212
Rated Torque (N·m)	7	16		
Peak Torque (N·m)	10	30		
Gearbox	No	Built-in		
Encoder	Incremental Magnetic	Incremental Magnetic		
	4096 Line	4096 Line		
Hall Sensor	Built-in	Built-in		
Ambient Temp. (°C)	-20 – 55	-20 – 55		
Roller Material	Casting Polyurethane	Casting Polyurethane		
Rated Payload	200 kg	300 kg		
Max. Payload	300 kg	400 kg		
Rated Voltage (V)	24-48	24	36	48
Rated Power (W)	173	137	219	295
Efficiency	0.78	0.76	0.8	0.82
Rated Current (A)	12.4	7.55	7.57	7.52
Diameter	180 mm	180 mm		

