

Automated Warehouse Solutions

Wheels for AGVS, AS/RS, and Beyond



Key Attributes

- Zero TIR Technology to Reduce Error
- Precision Vibration Dampening
- Effortless Rolling Resistance
- High Speed and Load Capacity
- Excellent Abrasion Resistance
- Non-marking
- Precise OD Tolerance
- Superior Traction



Stellana

A HEXPOL COMPANY



Stellana AGV Wheels

- PRECISION ENGINEERING FOR ENHANCED PERFORMANCE
- OPTIMIZED PERFORMANCE AND COST SAVINGS

Material AGV 85

Durometer

- 85 Shore A

Applications

- General Industry
- Automation Systems
- Material Handling

Attributes

- High load and speed capacity
- Excellent braking, steering and traction
- Protects flooring and sensitive equipment
- Quiet running and low vibration
- Greatly reduces concrete wear
- Non-marking

Material AGV 90

Durometer

- 90 Shore A

Applications

- Very Heavy Load
- Very High Speed

Attributes

- Excellent load and speed capacity
- Good traction
- Good steering and braking
- Good vibration reduction
- Reduce concrete wear
- Non-marking

Material AGV 95

Durometer

- 95 Shore A

Applications

- Toughest Applications
- Construction
- Racking Systems (Expansion Joints)
- Rough Floors

Attributes

- Excellent load and speed capacity
- Acceptable traction
- Acceptable steering and braking
- Acceptable vibration reduction
- Reduce concrete wear
- Non-marking

Wheels for AGVS, AS/RS, and Beyond



Stellana AGV wheels offers premier features to ensure quality and satisfaction. Our wheels have a total runout and a tight OD tolerance of +/- 0.12mm, reducing location errors significantly. With high abrasion resistance and a tolerance for high speeds, high loads, and long runs, you can operate your equipment as it is intended.

Stellana AGV wheels can carry higher loads during more continuous operations while providing excellent traction, braking, and comfort. Polyurethane is naturally non-marking and reduces overall concrete wear from continuous use as well. Our wheel's low rolling resistance reduces battery drain, which lowers maintenance costs and improves your bottom line and uptime.

Stellana Part No	Description	Drive Manufacturer	Drive Unit	Wheel Diameter mm	Wheel Width mm
A2001009000	200mm AGV/AGR Wheel	Nabtesco	RF-19P	200	76
A2001059000	200mm AGV/AGR Wheel	Nabtesco	RV-25N	200	76
A2001109000	200mm AGV/AGR Wheel	Nabtesco	RV-42N	200	76
A2501009000	250mm AGV/AGR Wheel	Nabtesco	RV-60N	250	90
A2501059000	250mm AGV/AGR Wheel	Nabtesco	RV-80N	250	90
A3001009000	300mm AGV/AGR Wheel	Nabtesco	RV-100N	300	114
A3001059000	300mm AGV/AGR Wheel	Nabtesco	RV-125N	300	114
A2002009000	200mm AGV/AGR Wheel	Nidic-Shimpo	VRT-047	200	76
A2002059000	200mm AGV/AGR Wheel	Nidic-Shimpo	VRT-064	200	76
A2502009000	250mm AGV/AGR Wheel	Nidic-Shimpo	VRT-090	250	90
A3002009000	300mm AGV/AGR Wheel	Nidic-Shimpo	VRT-110	300	114
A3002059000	300mm AGV/AGR Wheel	Nidic-Shimpo	VRT-140	300	114
A3502009000	350mm AGV/AGR Wheel	Nidic-Shimpo	VRT-200	350	178
A3502059000	350mm AGV/AGR Wheel	Nidic-Shimpo	VRT-255	350	178
A2003009000	200mm AGV/AGR Wheel	Wittenstein	NPT005	200	76
A2003059000	200mm AGV/AGR Wheel	Wittenstein	NPT015	200	76
A2003109000	200mm AGV/AGR Wheel	Wittenstein	NPT025	200	76
A2003159000	200mm AGV/AGR Wheel	Wittenstein	NPT035	200	76
A2003209000	200mm AGV/AGR Wheel	Wittenstein	TP004	200	76
A2003259000	200mm AGV/AGR Wheel	Wittenstein	TP010	200	76
A2503009000	250mm AGV/AGR Wheel	Wittenstein	NPT045	250	90
A2503059000	250mm AGV/AGR Wheel	Wittenstein	TP025	250	90
A3003009000	300mm AGV/AGR Wheel	Wittenstein	TP050	300	114
A3503009000	350mm AGV/AGR Wheel	Wittenstein	TP110	350	178
A3503059000	350mm AGV/AGR Wheel	Wittenstein	TP300	350	178
A2004009000	200mm AGV/AGR Wheel	Stober	PH331	200	76
A2004059000	200mm AGV/AGR Wheel	Stober	PH431	200	76
A2504009000	250mm AGV/AGR Wheel	Stober	PH531	250	90
A3004009000	300mm AGV/AGR Wheel	Stober	PH731	300	114
A3504009000	350mm AGV/AGR Wheel	Stober	PH831	350	178
A3504059000	350mm AGV/AGR Wheel	Stober	PH932	350	178

Contact Stellana for additional durometer and color options.

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Benefits of the Key Attributes

Zero TIR

Wheels have a total runout from bolt hole circle of .005” which reduces location errors.

Tight OD Tolerance

Wheels have an OD tolerance of +/- 0.12mm (.005”), reducing location errors.

High Speed and Load Capacity

Can manage all your application requirements.

Low Rolling Resistance

Requires less battery power to operate.

High Abrasion Resistance

Extended life cycle and reduced wear which limits location error over time.

Non-Marking

Polyurethane is naturally non marking so will not mark floors.

Reduced Concrete Wear

Prevents rutting of floors from continuous use.