Optimum Performance Wheels

The Universal Choice For Every Move You Make

R·W·M CASTERS

Optimum Performance Wheels

The Laws of Motion *Have Changed ...*

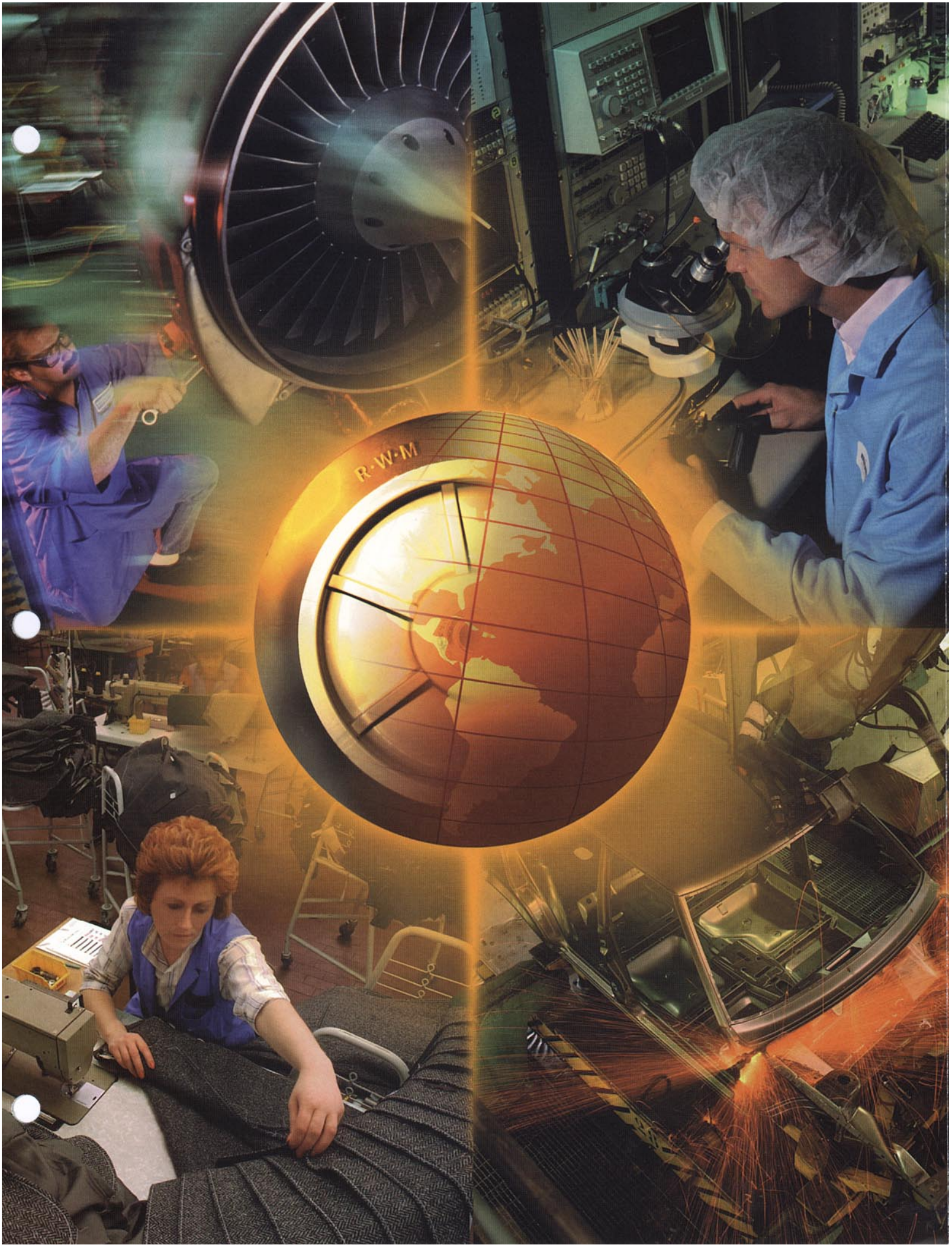
The old established history of performance wheels has been changed forever ... with the **introduction of Optimum Performance Wheels from RWM.**

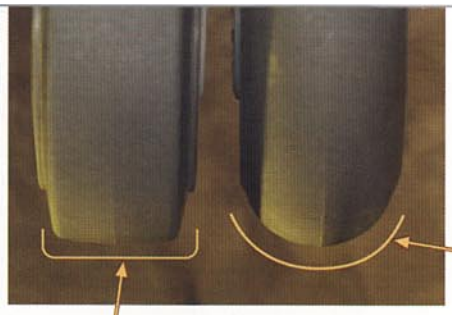
These **premium wheels** are specially engineered to **provide unsurpassed durability and reliability.** Never again will you be forced to choose between the **durability of hard tread** wheels and the **quiet, floor protection of soft tread wheels.** Now you can have it all with Optimum Performance Wheels. And all of our new Optimum Performance Wheels are designed to **complement RWM's wide range of precision casters.** Made of a thermoplastic elastomer which is permanently bonded to a polypropylene core, Optimum Performance Wheels **will not mark floors.** Their attractive appearance is matched only by their ability to **accommodate a large number of industries and a limitless number of applications, including:**

- Aircraft and Aerospace
- Automotive
- Bakeries
- Factories / Manufacturing
- Food Processing Plants
- Warehouses
- Hotels / Motels
- Laboratories
- Laundries
- Offices
- Restaurants / Commercial Kitchens
- Schools
- Libraries
- Retail Stores
- Supermarkets
- Textile Plants
- And many many more!

R·W·M CASTERS

Wherever you require superior performance, turn to Optimum Performance Wheels from RWM.


R·W·M



The Universal Choice For Every Move You Make

Superior Performance by Design

Optimum Performance Wheels are **engineered to provide unparalleled versatility.** The attractive dark gray tread on our light gray core makes this complete line of wheels **suitable for even the most aesthetically demanding environments.** At home in a hospital and a warehouse, **Optimum Performance Wheels are the wheels of choice.**

Optimum Performance Wheels can handle almost any Floor Surface ...

- Carpet
- Brick
- Concrete
- Linoleum
- Asphalt
- Terrazzo
- Wood
- Smooth Steel
- Rubbed Steel
- Tile

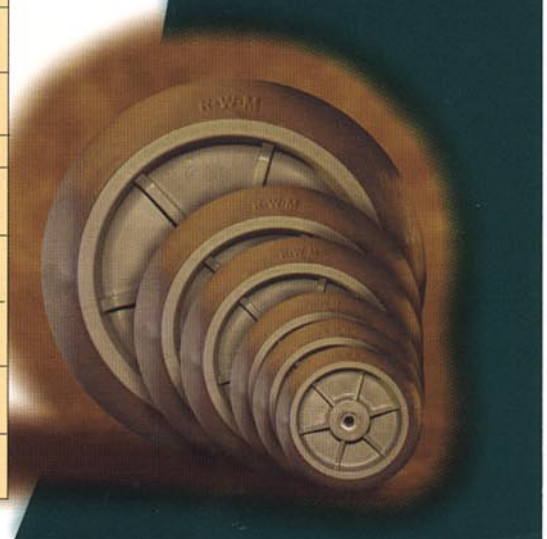
Optimum Performance Wheels are tough enough for most Operating Conditions...

- Water
- Steam
- Mild chemicals*
- Metal chips
- Animal fats
- Noise reduction
- Floor protection
- Cushion load
- Extreme colds (down to –45°F)

Optimum Performance Wheels

SPECIFICATIONS

Diameter Inches	Width Inches	Capacity Pounds	Axle Diameter Inches	Ball Bearing	Celcon Bearing	Straight Roller Bearing	Hub Length Inches	Approx. Weight Pounds
3	1 1/4	190	3/8	RPB-0312-06	RPC-0312-06		1 3/16	0.22
3 1/2	1 1/4	200	3/8	RPB-3512-06	RPC-3512-06		1 3/16	0.29
4	1 1/4	275	3/8	RPB-0412-06	RPC-0412-06		1 3/16	0.34
	1 1/2	325	1/2	RPB-0415-08	RPC-0415-08	RPR-0415-08	1 5/8	
			3/4	RPB-0415-12	RPC-0415-12	RPR-0415-12	1 5/8	0.60
	2	350	1/2	RPB-0420-08	RPC-0420-08	RPR-0420-08		
		350	3/4	RPB-0420-12	RPC-0420-12	RPR-0420-12	2 3/16	0.66
5	1 1/4	300	3/8	RPB-0512-06	RPC-0512-06		1 3/16	0.52
	1 1/2	350	1/2	RPB-0515-08	RPC-0515-08	RPR-0515-08		
			3/4	RPB-0515-12	RPC-0515-12	RPR-0515-12	1 5/8	0.85
	2	375	1/2	RPB-0520-08	RPC-0520-08	RPR-0520-08		
		375	3/4	RPB-0520-12	RPC-0520-12	RPR-0520-12	2 3/16	0.96
6	1 1/2	475	1/2	RPB-0615-08	RPC-0615-08	RPR-0615-08		
			3/4	RPB-0615-12	RPC-0615-12	RPR-0615-12	1 5/8	1.85
	2	525	1/2	RPB-0620-08	RPC-0620-08	RPR-0620-08		
		525	3/4	RPB-0620-12	RPC-0620-12	RPR-0620-12	2 3/16	1.38
8	2	600	1/2	RPB-0820-08	RPC-0820-08	RPR-0820-08		
		600	3/4	RPB-0820-12	RPC-0820-12	RPR-0820-12	2 3/16	2.02



* See Chemical compatibility chart or contact RWM representative for additional details

A World of Possibilities

Even the most demanding industry applications are no match for Optimum Performance Wheels, because they **deliver unequaled benefits** in meeting your every need.

The Universal Choice For Every Move You Make...

With Optimum Performance Wheels, you always get ...

- **Unsurpassed durability** in the most demanding applications
- **Minimal rolling and swivel resistance**
- Exceptional **noise reduction**
- Excellent **floor protection**
- Superior **impact resistance**
- Cushion ride for **protection of cargo**, floor and equipment
- Unparalleled **shock absorption**
- High reliability – **will not flat spot**
- Maximum **flexibility at low temperatures**
- **Resistance to harsh chemicals**, acids, bases, alcohols, water and steam*

* See chemical compatibility chart on back

Optimum Performance Wheels go anywhere industries go. In tandem with the superior proven performance of our RWM casters, these **Optimum Performance Wheels promise to move industry into a whole new era.**

Optimum **Performance** Wheels

Chemical Compatibility Chart

The following chart lists an extensive range of chemicals, solvents and gases. Examine this chart to determine if your application is considered compatible. Ratings are at 72°F. Concentrations of aqueous solutions are saturated except where noted.

Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field-testing is recommended to confirm compatibility with your particular application.

Substance	Wheel Rating
Organics & solvents	
Acetone	Good
Alcohol, butyl	Good
Alcohol, ethyl	Good
Alcohol, methyl	Good
Aniline	Good
Benzene	Unacceptable
Bravo (wax stripper)	Excellent
Carbon disulfide	Unacceptable
Carbon tetrachloride	Unacceptable
Chlorobenzene	Unacceptable
Chloroform	Unacceptable
Enclean SS-2 (parts cleaner)	Unacceptable
Thyl acetate	Fair
Ethylene chloride	Good
Ethyl dichloride	Fair
Ethyl ether	Good
Formaldehyde, 37 %	Good
Gasoline	Unacceptable
Heptane	Unacceptable
Methyl chloride	Unacceptable
Methyl ethyl ketone	Fair
Oakite (floor cleaner)	Excellent
Orangeve	Unacceptable
Naphtha	Fair
Nitrobenzene	Unacceptable
Phenol	Unacceptable
Tuluene	Unacceptable
Trichloroethylene	Unacceptable
Varsol	Unacceptable
Vestalene (detergent diluted)	Excellent
Urine	Excellent
Gases	
Carbon dioxide	Good
Carbon monoxide	Good
Chlorine, wet	Fair
Hydrogen sulfide	Good
Sulfur dioxide, wet	Fair
Sulfur dioxide, dry	Fair

Substance	Wheel Rating
Acids	
Acetic, 10-50%	Good
Acetic, 75%	Good
Acetic, glacial	Good
Boric	Good
Butyric	Good
Chromic	Fair
Citric	Good
Fluoboric	Good
Hydrobromic, 25%	Good
Hydrochloric, 10%	Good
Hydrofluoric	Fair
Lactic	Fair
Nitric, 5%	Good
Nitric, 65%	Unacceptable
Oleic	Good
Oleum	Unacceptable
Oxalic	Good
Phosphoric, 25%	Good
Phosphoric, 85%	Good
Sulfuric, 10%	Good
Sulfuric, 78%	Fair
Tannic	Good
Tartaric	Fair
Alkalies	
Ammonium hydroxide	Good
Calcium hydroxide	Good
Potassium hydroxide	Good
Sodium hydroxide	Good
Salts	
Acid salts	Good/Fair
Alkaline salts	Good
Neutral salts	Good
Miscellaneous salts:	
Potassium dichromate	Good
Potassium permanganate	Good
Salt water	Good
Sodium cyanide	Good
Sodium cyanide	Good
Sodium ferricyanide	Good
Sodium hypochlorite	Good

For information pertaining to the compatibility of other fluids and chemicals, please contact your RWM representative.

R·W·M CASTERS

RWM Casters, P.O. Box 668, 1225 Isley Road, Gastonia, NC 28053
Phone: 1.800.634.7704 Fax: 1.800.253.6634 ▪ www.rwmcasters.com

© 1999 RWM All Rights Reserved.

RWM-08.15.99