Improve to the max

DRS-M
wheel block system

DEMAG

Universal.
Reliable.
Support.

Demag wheel block systems can keep your business on the move – as single components or complete travel units. The DRS-M is a further improvement of a system that is successfully used in hundreds and thousands of applications all over the world.

Simple installation and alignment, compact dimensions and many connection options are also key DRS-M characteristics. And they include a range of new features that provide users with efficiency benefits.

The range includes four sizes 112 – 200, which are fully compatible with the previous models.
Four further wheel blocks (DRS 250 – 500) round off the DRS product range with load capacities up to 40 t.

SYSTEM VARIANTS
7 standard travel wheel shapes as well as customer-specific designs: the DRS-M is equipped to meet any customer requirement.

FIXED ALIGNMENT
The innovative installation connection enables wheel blocks to be replaced quickly without the need for time-consuming readjustment.
This fixed alignment element can be attached to the steelwork and ensures that the wheel block remains precisely positioned even after it is replaced.

MECHANICAL WEAR MEASUREMENT
Wheels need to be checked regularly.
Besides its flange wear indicator, DRS-M also makes it easy to inspect the travel wheel tread. This mechanical wear indicator can be used to check the current state of wear on the wheel – at standstill and regardless of the wheel position. The result can be easily read on a colour scale.

PREPARED FOR ACCESSORIES
Flexible planning:
Thanks to integrated threaded bore holes, optional accessories such as guide rollers or rail sweepers, for example, can be installed direct on the wheel block – or simply added later, as required.

STRONG HOUSING
High-quality housings made of die-cast aluminium have good rigidity with very high tolerances. They also offer optimum protection for travel wheels and bearings. Powder-coated for high protection. Prepared for direct connection.

EVEN STRONGER GUIDE ROLLERS
The improved guide roller attachment enables even higher horizontal forces to be accommodated. On the DRS-M 200, for example, they can now accommodate 20% of the given wheel load and ensure smooth running characteristics also under extreme loads.

Connection variants

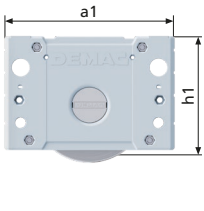
Any connection can be implemented with the DRS-M: Prepared mating surfaces enable them to be connected to bolted as well as welded elements and installed in hollow profile sections and crossbeams.

Top connection

Pin connection

End connection

Side connection



Wheel block		DRS-M 112	DRS-M 125	DRS-M 160	DRS-M 200
Load capacity [t]		2.75	5	7	10
Travel wheel dia. [mm]		112	125	160	200
Dimensions [mm]	a1	190	220	275	340
	b1*	47	60	65	65
	b2	80	80	89	101
	c1	96	98	110	130
	h1	131	147.5	187	238

* Other travel wheel treads: see catalogue.

0523 EN/DE 213 769 44 700 IS 980
Subject to change. No liability for errors or omissions.
Printed in Germany D/08052023/PDF

DEMAG CRANES & COMPONENTS GMBH
Wetter Site
Ruhrstrasse 28
58300 Wetter
E info@demagcranes.com
T +49 2335 92-0
F +49 2335 92-7676
www.demagcranes.com

DEMAG