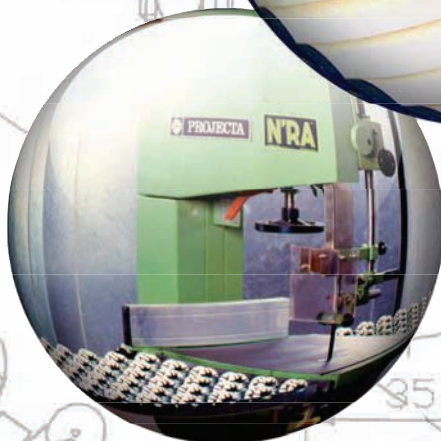
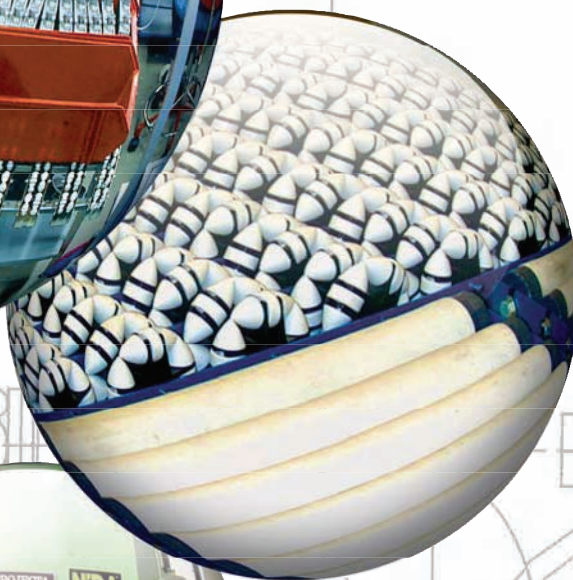


MICAR

ESPERIENZA E TECNOLOGIA LEADER

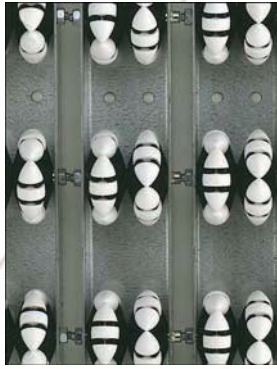


OKARROLL



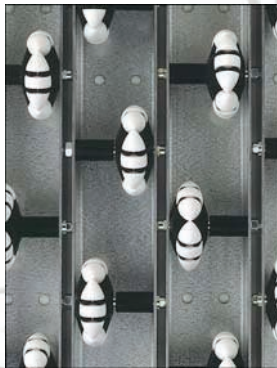
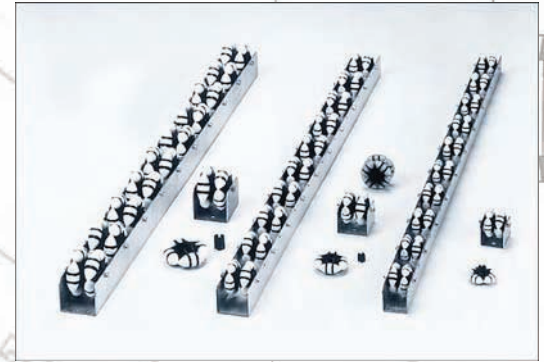
Manufacturer:
OKARTEK

Leipurinkatu 5
20780 Kaarina
Tel. +358-2-273 9400
Fax. +358-2-273 9460
www.okartek.fi

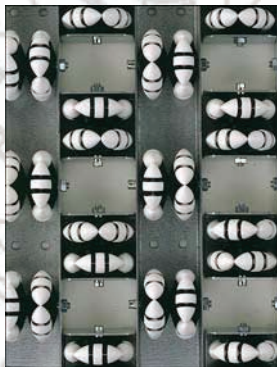


EXAMPLES OF OKARROLL USERS:

- metal industry
- electronics
- bakeries or other food industry
- furniture or other wood working industry
- packaging industry
- glass industry
- rubber industry
- presses etc.



OkarRoll multidirectional rollers are made from polyacetal (POM) and they are available in sizes $\varnothing 50$ mm, $\varnothing 60$ mm, $\varnothing 80$ mm and $\varnothing 120$ mm. The center axle is 8 mm and it's made of zinc plated steel. The small axles are made from stainless steel. OkarRoll multidirectional rollers are sold as simplex, they are very easy to connect into duplex ones with a connection piece. They are also available as fitted in a u-profile L=1000 mm. OkarRoll multidirectional rollers are used as a part of bigger conveyor systems. You can easily make your own ergonomic work center from the roller profiles. The unique OkarRoll roller design is based on the use of four free turning barrel shaped rollers mounted in a 90 degree staggered pattern around the perimeter of a main core wheel, thus allowing for a multidirectional roller function.



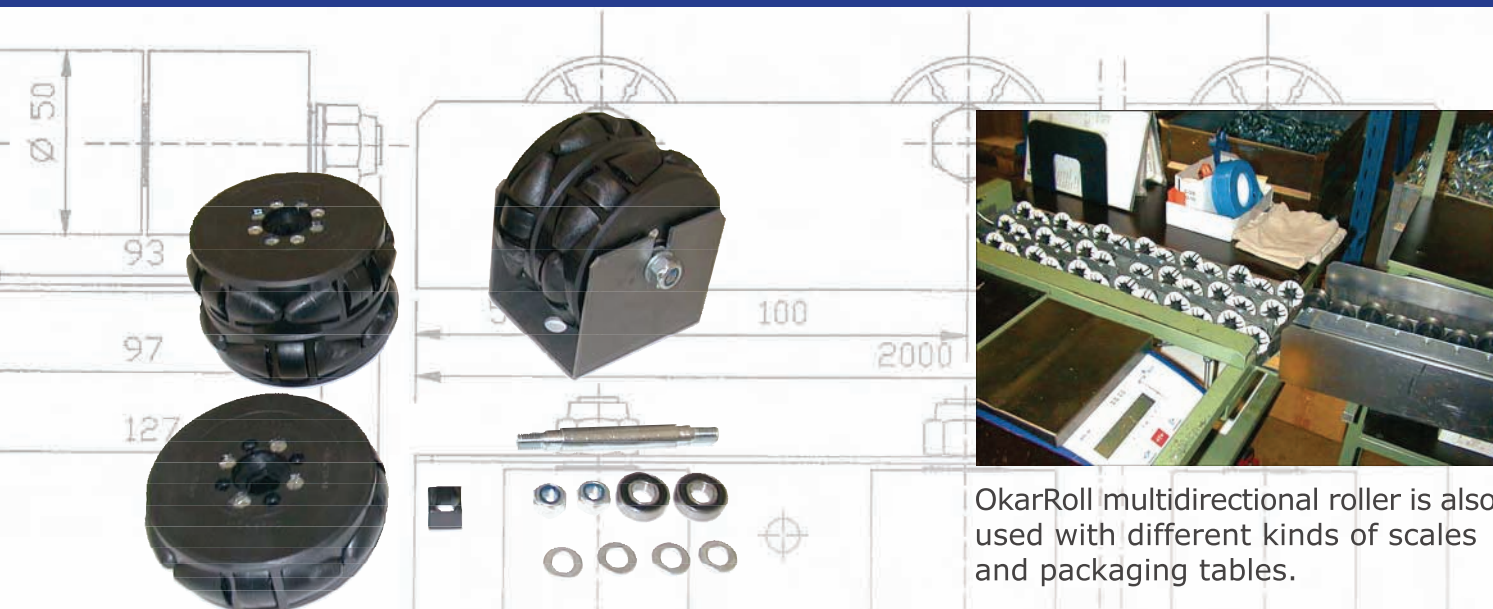
OkarRoll rollers can also be used as a part of a hydraulic table; you can turn the package in any which way you like and then lift it up after the necessary packing or marking has been made.



The OkarRoll multidirectional roller system rationalizes material handling in an inexpensive way. The compact OkarRoll rollers are suitable for all industries where material or packages need to be smoothly and easily transferred, sorted or turned in any direction.

The open construction gives the OkarRoll rollers a long service life without requirements for maintenance or lubrication, while relieving the user of problems caused by ingress of dirt, water etc.





OkarRoll multidirectional roller is also used with different kinds of scales and packaging tables.

Our new OkarRoll Ø 120 mm roller is made for heavy loads. The maximum weight capacity for one Duplex roller is 200 kg. Both core and the rollers are made from black Polyacetal (POM). The roller is equipped with center axle Ø 14 mm and ball-bearings. The u-profile is also available for Ø 120 mm duplex roller.



Some examples from the OkarRoll applications used by wooden- and metalplate industry.

**WE ALSO HAVE AN ISO9001
QUALITY CERTIFICATE AND
ISO14001 ENVIRONMENTAL
CERTIFICATE.**



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Components for OkarRoll rollers:



Connection pieces make two simplex rollers a one duplex roller.



MTR middle axles and nuts are available to all rollers.



Spacers are used in ziq-zaq profiles, Lengths: 20, 25, 30 and 45 mm. Inner diameter is 8,3 mm and the outer diameter 14 mm.

We manufacture also other conveyor components:



KMR Disc rollers in sizes: Ø 30 mm, 35 mm and 50 mm.



Accumulation roller is for a Ø 25 mm's power axle.



Head piece for a tube roller in wet conditions. Suitable for PVC-tube Ø 50x3,0mm. Bearing pin M8 is used as an axle.



Flanged conveyor wheel (70/50 x 45,5 mm) and conveyor wheel without flanges (50 x 45,5 mm) are well suited for use on shelves where goods are being transferred to different rationalization work points. The inner diameter for these wheels is Ø 16,3 mm. 16 mm bearing bushings and M12 hexagon screws are used as axles.



Bearing head suitable for a Ø 50x2,0 mm's tube and Ø 8 mm's axle. Does not contain a ball bearing.



Head piece with holes suitable for a Ø 50x2,0 mm's tube and Ø 8 mm's axle.

Also available PVC tube Ø 50x3,0 mm and Ø 50x2,0mm, soft PUR-rollers and ESD-rollers.

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