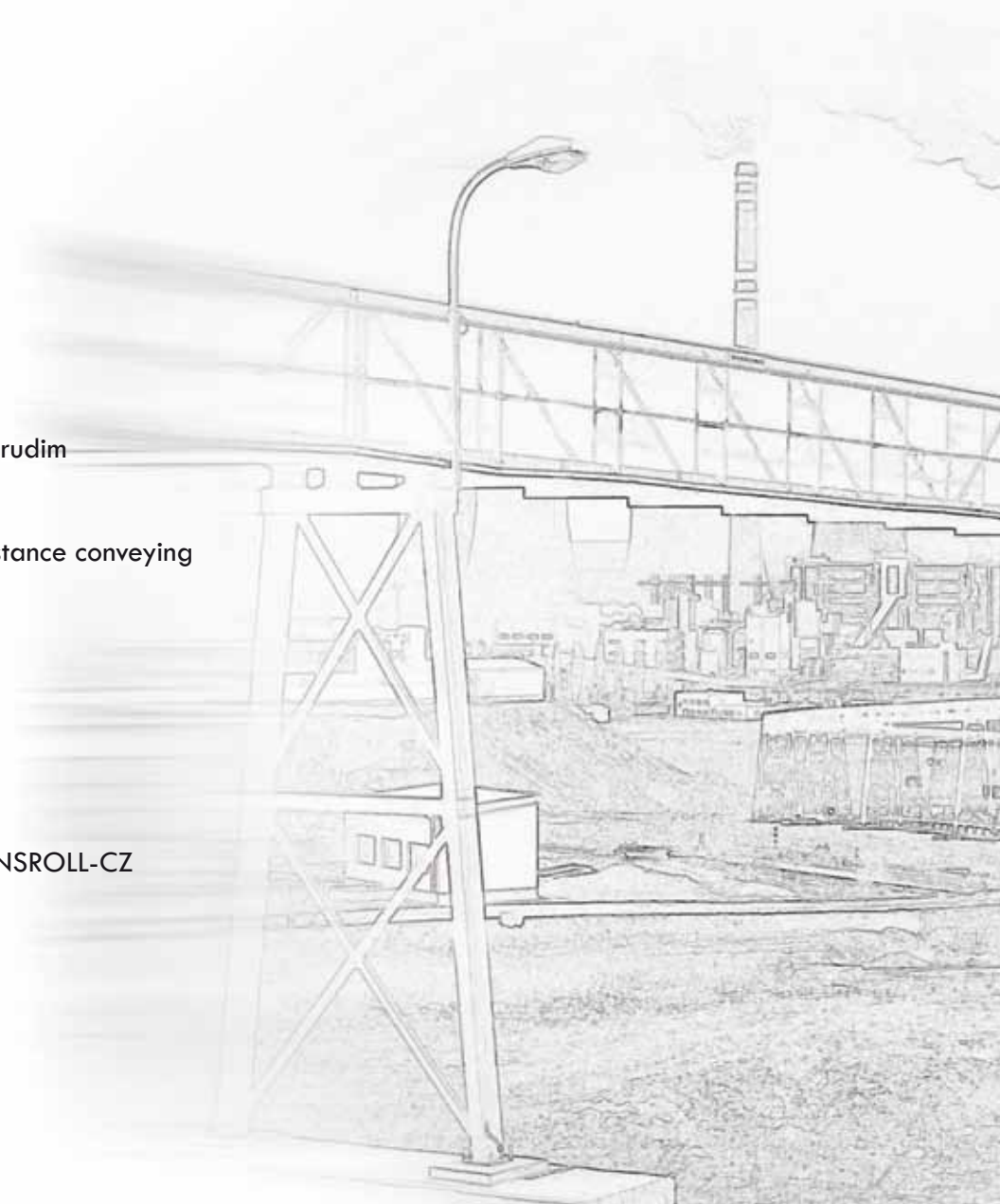


Conveyor components

 transroll

HISTORY

- 1911** a locksmith workshop was founded by Galus Bros
- 1948** factory was nationalized
- 1951** begins production of transport equipment and mobile belt conveyors
- 1958** integration into state-controlled company called Transporta based in Chrudim
- 1962** company concentrates on production of rollers and supports for long-distance conveying
- 1989** independent state company TRANZA based in Breclav
- 1991** established joint-stock company TRANZA, a.s.
- 2010** changed ownership structure, begins the production under name of TRANSROLL-CZ



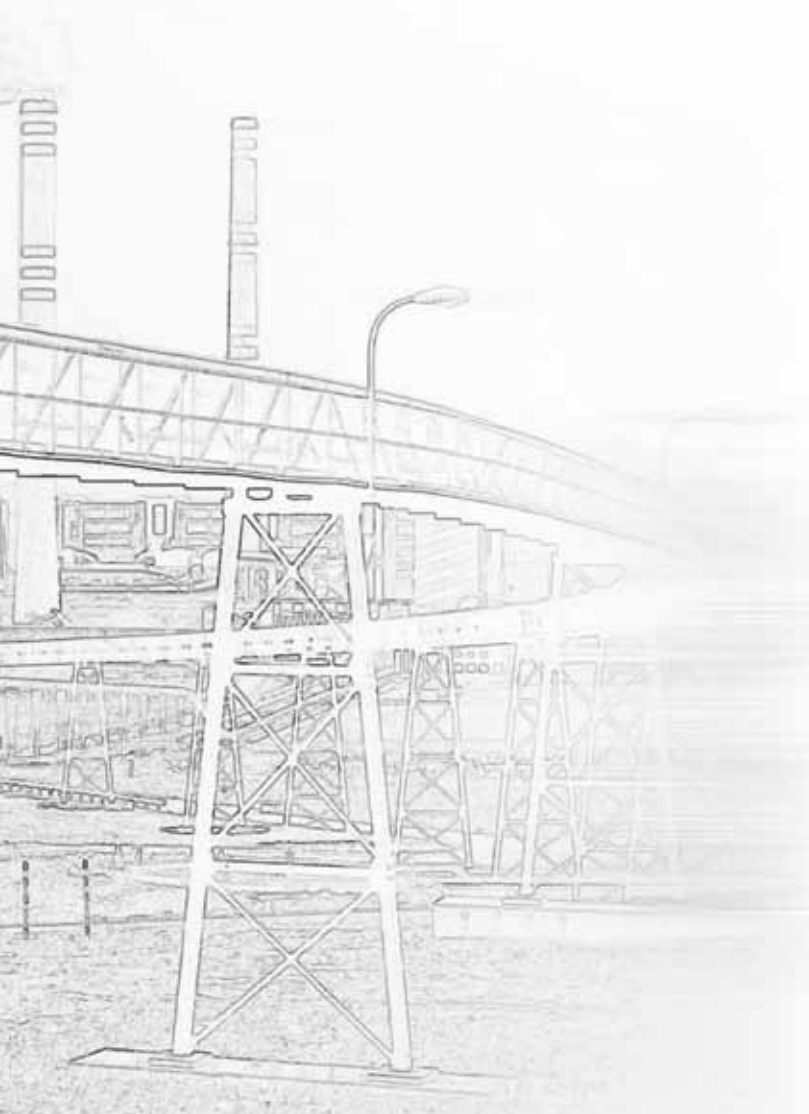
COMPANY PROFILE

Dedicated to the industries we serve

- Bulk raw material handling and processing
- Unit materials handling
- Customer base expanding throughout the world in a variety of industries
- Over 75 years of experience in design, manufacture and supply
- Quality efforts at TRANSROLL are focused on the customer
- State-of-the-art Lean manufacturing concepts help reduce your costs

Solid foundations

- Consolidated ownership brings resources and corporate commitment to continually invest in people, new product development, manufacturing technologies, distribution and quality assurance
- Motivated and trained employees strive to provide products and services that meet or exceed your needs
- Professionally engineered products provide you with the most cost-effective and durable conveying solutions
- Manufacturing capabilities ensure reliable deliveries
- Expanding distribution network
- From reviewing the contract to shipping the final products all aspects of the process are monitored and inspected to meet the requirements of ISO 9001 and ISO 14001 certified by DNV - Det Norske Veritas
- Each employee shares the responsibility for continuous quality improvement





CORE BUSINESS UNITS

ROLLERS



GARLANDS



STATIONS



REFERENCES



INDUSTRIES SERVED

BULK HANDLING

- Mining
- Power
- Quarries
- Sand pits
- Aggregates processing
- Port/rail terminals
- System integrators



UNIT HANDLING

- Airports
- Logistics/distribution
- Food
- Wood
- Cars
- System integrators



ROLLERS

PRODUCT RANGE






















FLAT ROLLERS		TRAINING ROLLERS	
RUBBER-LAGGED ROLLERS		DISC ROLLERS (SELF-CLEANING)	
IMPACT ROLLERS		SPIRAL ROLLERS (SELF-CLEANING)	
PLASTIC ROLLERS		DRUMS	
CONVEYOR ROLLERS		CONVEYOR ROLLERS	

The rollers are standardised and designed according to ISO, DIN and EN standards. Custom made rollers are available on request. TRANSROLL is capable of delivering a range of special-design rollers: waterproof rollers, rollers for extreme climate conditions, rollers for extreme loading, high speed rollers, reduced-noise rollers, rollers for aggressive chemical conditions and case-hardened rollers.

PRODUCT RANGE

IDLERS

The idler is comprised of the base or/and brackets and one or more rollers and is fixed to the conveyor structure.

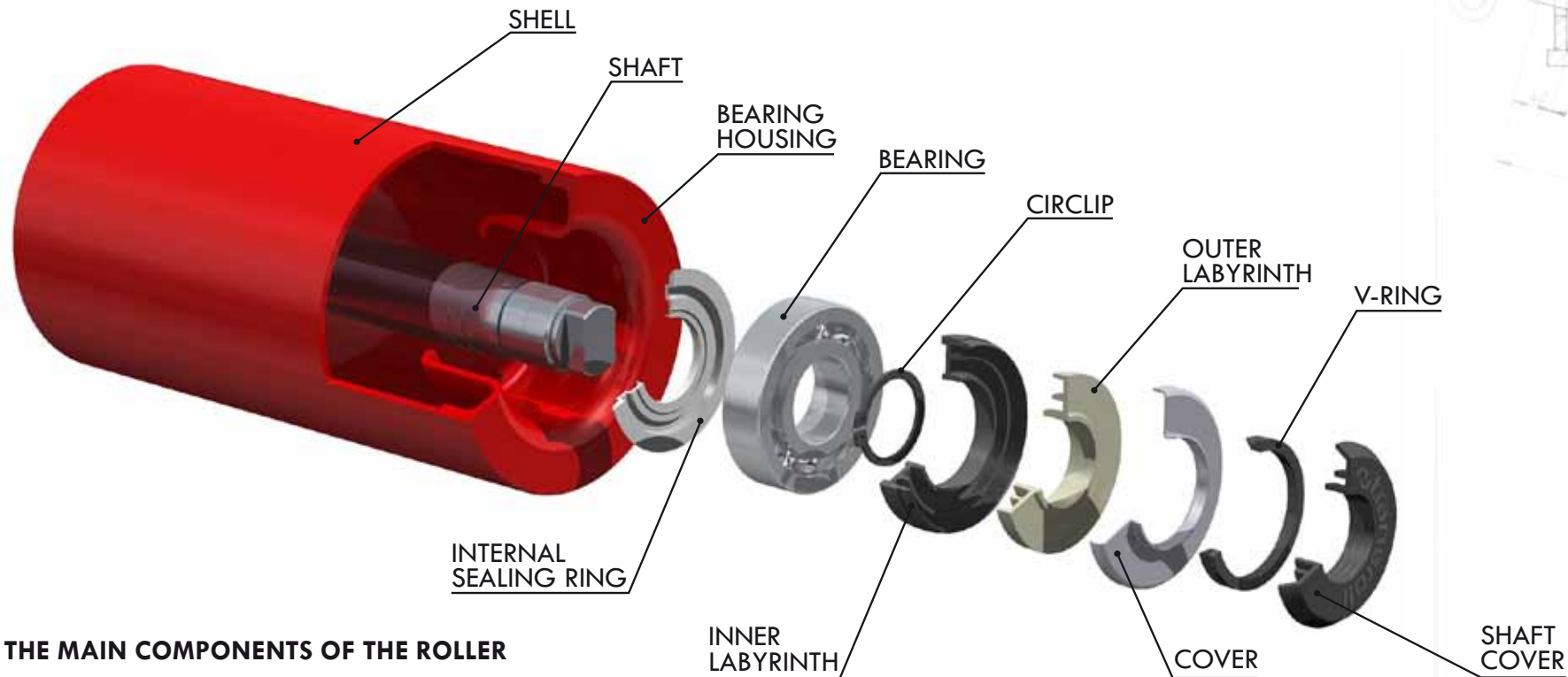
	CARRYNG SETS	RETURN SETS	TRAINING SETS	IMPACT SETS	CENTRING SETS	SELF-CLEANING SETS
TROUGHING						
VEE						
CANTILEVER						
FLAT						
BRACKETS						
GARLAND						

The idlers are standardised and designed according to DIN and EN standards. TRANSROLL also offers a range of special-design idlers: idlers for extreme conditions, for extremely heavy-duty applications, specific load distributions and zero gap idlers.

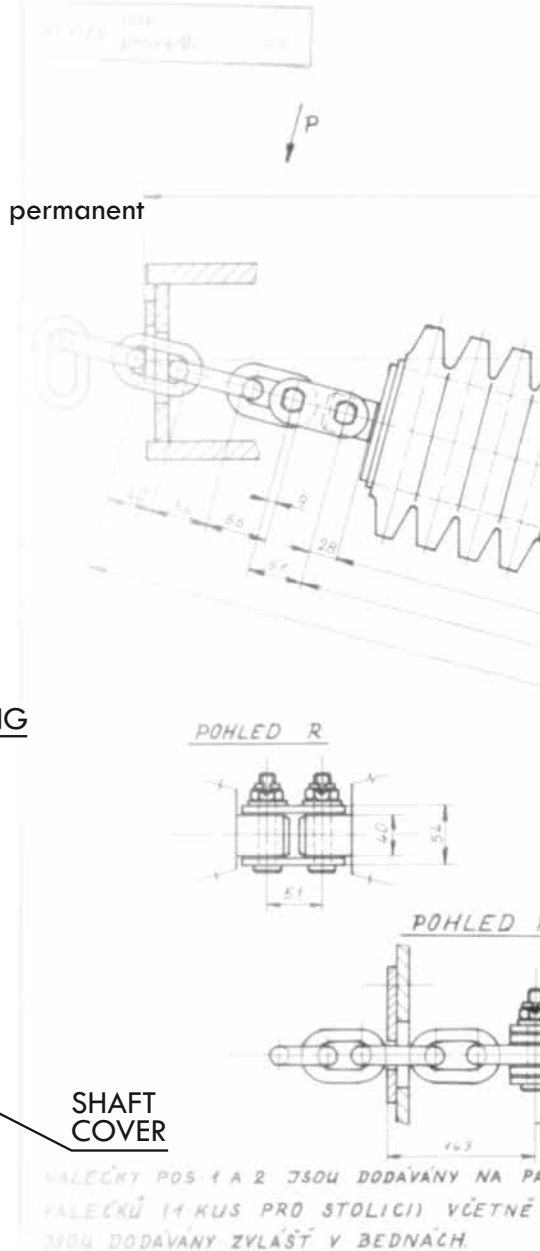
ROLLERS

The appropriate design of sealing significantly affects the performance and service life of the roller. TRANSROLL engineers propose and design the most effective solution to meet all your requirements:

- standard climate conditions (rain, snow - north temperate zone climate conditions)
- extremely dusty conditions (cement works, power plants, sand pits, lime factories, bulk handling)
- wet conditions
- rollers reliable to work under the water, in permanent contact with water
- extremely high x low temperatures
- special non-flammable sealing



THE MAIN COMPONENTS OF THE ROLLER



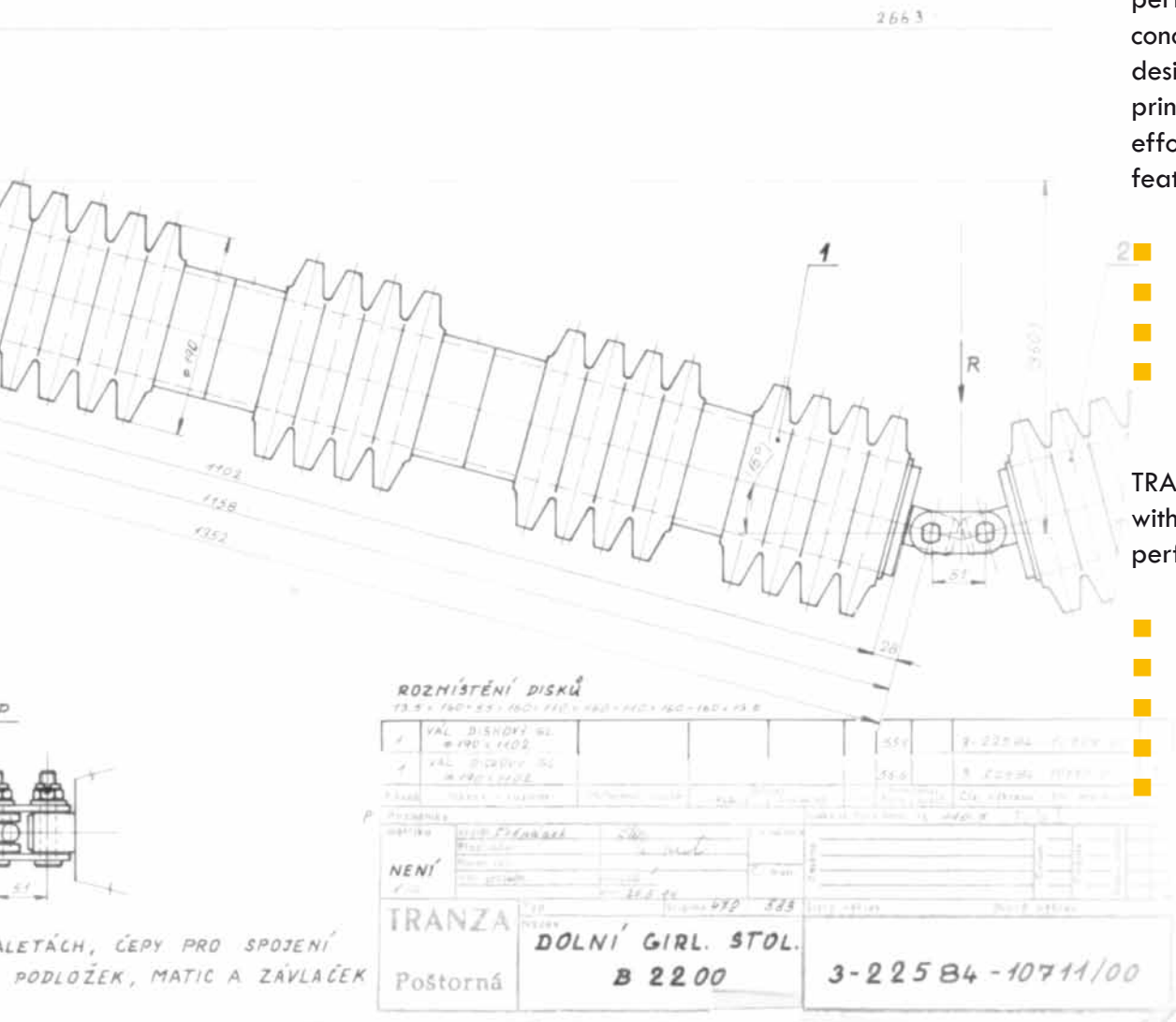
DESIGN AND COMPONENTS

Accurate design of each detail of a roller and advanced technology used in final assembly are required to ensure the reliability and high performance of rollers and consequently conveyors. TRANSROLL concentrates on the critical points in roller design. Throughout the design, manufacturing and testing process we utilize sound engineering principles to supply the best possible products to our customers. Our efforts lead to the achievement of the best roller with the following features:

- low vibrations, low noise
- reduced power consumption (to start and run the conveyor)
- min. 30 000 hours standard life time
- competitive prices

TRANSROLL also focus on set of tests in order to benchmark its rollers with those of competitors so that it can continuously improve the performance of its rollers. This standard set of tests includes:

- load capacity testing
- life time testing
- water and dust testing chambers
- balancing and excentricity testing
- extreme temperature (+/-) testing



Research and development

Exceptional product application knowledge and industrial experience allows our engineers to develop products designed for tomorrow's specifications. We customize catalogue products to meet customers' specific requirements. For those wanting to utilise our manufacturing and assembling capabilities for their products we can elaborate shop drawings and provide our customers with a complete production service turning ideas on their drawings into reality. TRANSROLL utilizes the „go-to-market“ product development process and supplies the industry with highly advanced solutions for specific applications. Research and development is based on the close cooperation of our engineers with external experts. All products and developed solutions are constantly tested in our own Testing centre.

Production facility

Production facility in Lednice offers specific capabilities for all our product lines. The plant is equipped with up-to-date welding technology and highly sophisticated and patented assembly line for rollers. There is a CNC laser cutting centre available as well as an assembly centre, welding centre, blasting and painting boxes. We recently invested in high-end technology for precise machining. To instantly improve performance TRANSROLL employed the philosophy of LEAN manufacturing several years ago. This way of thinking concentrates on value added processes, waste elimination and continuous improvement. As we progress we are more flexible in time and technical requirements and thus we are capable of lowering costs to our customers.



BASIC FACTS

Value first

Customers who look for value first, choose TRANSROLL. This value includes the most comprehensive designs, lower power requirements, field-proven reliability, trouble-free operation, quality workmanship, reliable delivery and competitive prices.

Customer relations

Our customers are served in several ways depending on the specific product or service they ask for:

- case-to-case or regular supplies of standard components are arranged via our distribution network
- large supplies of standard or customized products are handled via sales managers. In such cases sales managers assigned to each customer in order to ensure simple and effective communication








ROLLERS

SHAFT ENDS

Double flat		Single flat	
Internal double flat		Internal single flat	
Bush		Plain	
Garland		Plain reduced	
External thread + nut		Internal reduced plain*	
External thread		External reduced thread	
Internal thread		*for training rollers only	

GARLAND HANGERS

Hook	
Open link	
Stirrup type	
Chain	
Brace	



GUIDE ROLLERS

Bearings		6204	6205	6305	6206	6306	6308	6310	6312
Shaft Diameter		20	25	25	30	30	40	50	60
Tube Diameter	63	x							
	76	x							
	89	x	x		x				
	108	x		x	x				
	133	x		x		x	x		

DISC ROLLERS

Bearings		6204	6205	6305	6206	6306	6308	6310	6312
Shaft Diameter		20	25	25	30	30	40	50	60
Tube Diameter	108/63	x							
	133/63	x							
	133/89	x	x	x	x	x			
	159/89	x	x	x	x	x			
	159/108	x	x	x	x	x	x		
	194/108			x	x	x	x		
	194/133						x	x	
	245/133							x	x

TRANSROLL is also capable of delivering a range of custom made rollers on request:

- conveyor rollers for unit material handling
- extreme load rollers with double-row self aligning bearing (types 22308-22314)
- special rollers used in foundries and ironworks
- rollers for chemical and food industry (plastic and stainless steel surface)
- casehardened rollers (high resistance to abrasion)

Do not hesitate to contact our Sales Dept. for further information.

Tel. : **+420 519 364 581-6**

E-mail: **obchod@transroll.cz**



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