THREE HEADS ONE GOAL • PERFECT TRANSPORT ROLLERS • BY LINSINGER

CERBERUS

CERBERUS

AUTOMATIC PRODUCTION LINE OF INDIVIDUAL ROLLER MANUFACTURING

INNOVATION, TECHNOLOGY AND
HIGHEST PRODUCTIVITY

LINSINGER

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MISSION

WITH THIS UNIQUE MACHINE CONCEPT, LINSINGER COMBINES PRODUCTIVITY, QUALITY, AND COST-EFFECTIVENESS.

HIGH OUTPUT
WITH LOW
PERSONNEL COSTS

INTEGRATION OF
QUALITY CONTROL
THROUGH CONDITION
MONITORING

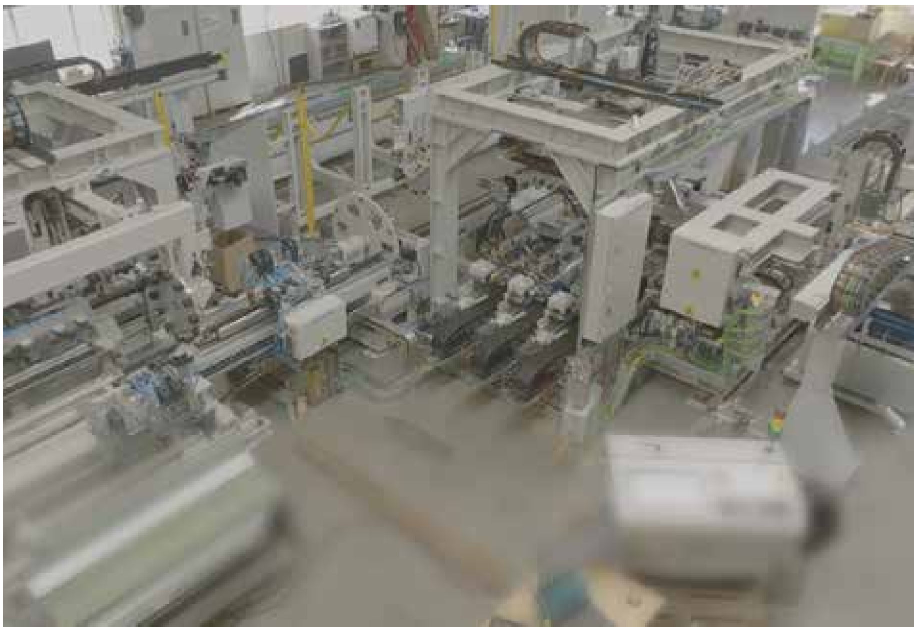
FROM PRE-MATERIAL TO FINISHED
ROLL – JUST IN TIME

FEATURES

- High flexibility
- Reduced storage costs
- Just-in-time manufacturing increases performance
- Permanent condition monitoring
- Preventive service strategies

APPLICATION:

- Axle and roller production for intralogistics
- Bulk handling, industrial industry
- Tube & pipe manufacturers
- Steel plants and bar processing lines
- Automotive industry
- Bike & bicycle industry
- Furniture productions



WITH THE MODULAR SYSTEM, WE DEVELOP TAILOR-MADE SOLUTIONS FOR OUR CUSTOMERS.

STANDARD CONFIGURATION OF TRANSPORT ROLLER PLANTS			
	CERBERUS MAX	CERBERUS PRO	CERBERUS FLEX
Tube [mm]	30 - 60	30 - 60	30 - 60 (105)
Axle	8-14/HEX 8-14	8-14/HEX 8-14	8-14/HEX 8-14
Thread	M6-M10	M6-M10	M6-M10
Roller length	100 -1500	100 -1500	100 -1500
Roller cycle time (Reference)*	**≤ 5 sec.**	**7-10 sec.**	**7-20 sec.**
Material	Steel/Stainless steel	Steel/Stainless steel	Steel/Stainless steel
Production Method	yes, order related	conditionally batch optimized	yes, order related
Simultaneous production of tubes and shafts	yes	yes	no
Merging of tubes and shafts	yes	yes	no
Assembly Station	optional	optional	optional

* Reference, only valid for steel in standard configuration

CERBERUS MAX

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Combined tube and axle system with an integrated assembly station

The CERBERUS MAX produces transport rollers in batch size 1 with a cycle time of just 5 seconds. 100% automatic quality inspection of all rollers.

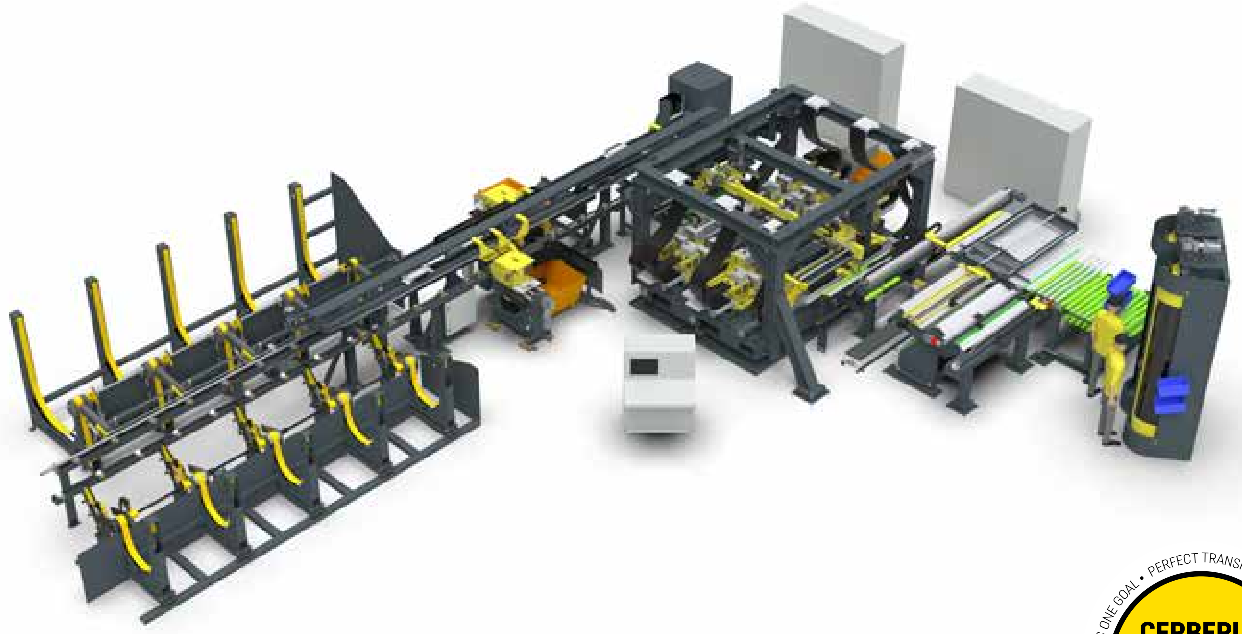
CYCLE TIME
≤ 5 SEC.

Annual output *
3-4 Mil. pcs. / Year

*Depending on product mix,
3-shift operation, carbon steel

FEATURES

- High-speed cycle times ensure extremely high output
- Tube and axle dimension changes seamlessly during ongoing production
- Fully automated tool change during product change or at the end of tool life
- Precise measurement of axle and tube lengths integrated in the process
- Optical quality control of crimped ends
- Integrated condition monitoring system



CERBERUS PRO

Combined Tube and Axle System with Optional Semi-Automatic Assembly Station

Compact unit with high performance
for batch-based manufacturing.

CYCLE TIME
7-10 SEC.

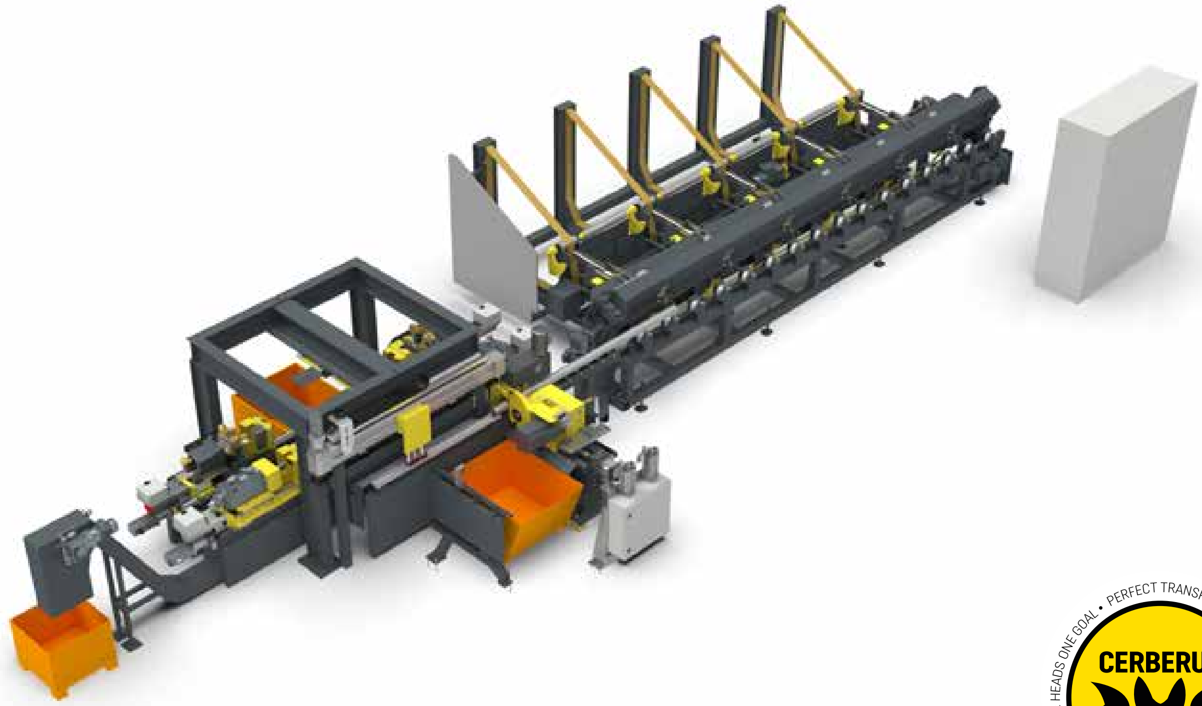
Annual output *
1,5-2 Mil. pcs. / Year

*Depending on product mix,
3-shift operation, carbon steel

FEATURES

- Simultaneous processing of tubes and shafts
- Manual tool change
- Manual setup process during format change
- High output at constant tube length
- Optional condition monitoring
- Length measuring system for tubes and shafts

CERBERUS FLEX



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CERBERUS FLEX

AUTOMATIC TUBE AND AXLE PROCESSING SYSTEM

Sequential production of tubes and axles for individual products

CYCLE TIME
7-20 SEC.

Annual output *
300k-1,2 Mil.
pcs. / Year

*Depending on product mix,
3-shift operation, carbon steel

FEATURES

- Multi-Head spindle with individual tools according to end-processing requirements
- Manual tool change
- Manual setup during format change
- Space-saving design
- Optional assembly station can be fed via buffer.

DESIGN YOUR LINE - FOR TAILOR-MADE ROLLER APPLICATION

CONFIGURATABLE FEATURES

Designed and completed for your line

- BEVELLING/PLANNING OF TUBES AND SHAFTS
- HOLE DRILLING
- INSIDE/OUTSIDE THREADING
- CRIMPING OF AXLES
- ASSEMBLY STATION - automatic, semi-automatic
- SPROCKET WELDING
- NOTCHING OF TUBE ENDS
- GROOVING OF TUBES
- OTHERS ON DEMAND...

English . 09/2025

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