

*Ortic – an innovative and technology driven company  
with over 34 years of roll forming experience presents  
a unique type of roll forming.*

# LIGHTING COLUMNS

## AND OTHER CONICAL PRODUCTS

- » High productivity
- » High degree of flexibility
- » Short lead time
- » Minimal need of personnel
- » Easy to add new products
- » Fully automatic

ORTIC COMBINED WITH REXROTH BOSCH  
GROUP OFFERS WORLDWIDE SUPPORT

**Rexroth**  
Bosch Group

Ortic takes the rollforming world to a new dimension | [www.ortic.se](http://www.ortic.se)



**ORTIC**



## ADVANTAGES

- » High productivity, welding in 5-8 m/min, roll former faster
- » High degree of flexibility
- » Mild to high strength steels
- » Customer order driven production, short lead time
- » Minimal need of personnel
- » Pre galvanized material
- » Easy to add new products
- » Fully automatic



## Lighting up the world

**Ortic offers a new production technology for conical open and closed products. It includes a very high productive and labor optimized production of a large number of different lighting columns. The latest roll forming technology from Ortic is fast, flexible, labor effective. It also supports environmental targets.**

The machine set-up is very flexible and the possible product dimensions are mainly depending on demands.

- » Roll forming machine for conical and straight products
  - » Open sections possible
  - » Opening for electrical installations possible
  - » Galvanized and/or un coated material
  - » Welding in-line
- » Existing machine set-up has minimum pole length 2,5 m.
- » The maximum length is mainly depending of the width of the incoming material and the length of the pre- and post handling equipment.

High flexibility in product dimensions

- » Minimum final pole diameter is 60 mm.
- » Flexibility to produce different dimensions of poles in a row, for instance 6 m, 12 m, 2,5 m without any manual changes of the machine (different recipes in the control system only).
- » Incoming material is a trapezoid having width and length corresponding to needs of final product.

### DELIVERED WITH FUTURE SECURED CONTROL SYSTEM

Based in the latest hard ware and mechatronics, including all Industry 4.0 possibilities, from Bosch Rexroth, AdvantRoll is developed for best roll forming results. The automation system is developed in the environment of Ortic long experience in roll forming, both traditional and the latest roll forming technology.

AdvantRoll is delivered with an easy and future secured HMI, which includes Industry 4.0 features such as easy on-line support and possibilities for predictive maintenance programs. It also includes possibilities for business system connection.



ROLLER TABLE

HANDLING



3D ROLL FORMER

ROLLER TABLE

INCOMING MATERIAL

LOADING OF FINISHED COLUMNS

15 m

50 m

## DIMENSIONS

LENGTH	MATERIAL THICKNESS	TOP DIA	BOTTOM DIA	ROLL FORMING SPEED	WELDING SPEED
2,5 m -	From 1,5 mm, depending of material	Min 60 mm	Min 60 mm Max >225 mm	15-20 m/min	5-8 m/min

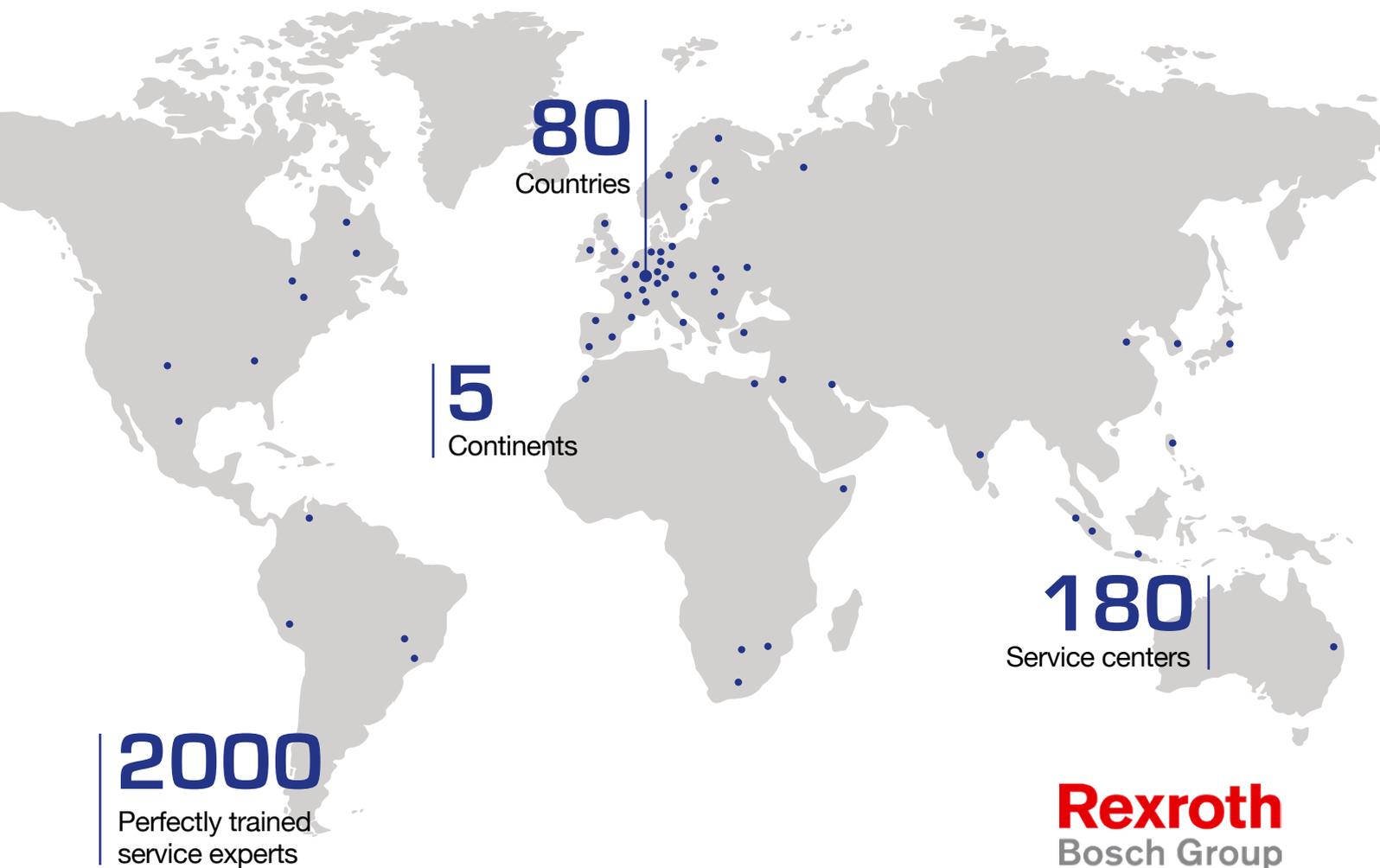
### OPTIONS FROM OUR SISTER COMPANY NORTHCONE AB

Complete CE-marked and crash secured program of lighting columns from 4-12 meters is available from Ortic sister company Northcone AB.

# Worldwide support

**Ortic online support in combination with Bosch Rexroth worldwide appearance makes a good base for trouble free production and high efficiency.**

- » Immediate local support
- » Fast response times
- » Original spare parts
- » Reliable and fast repair, maintenance and modernization itself heterogeneous machinery for manufacturer quality, tailored to the local requirements
- » Consulting and support to machine manufacturers and end-users regarding modernization, energy-efficiency and machine safety



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