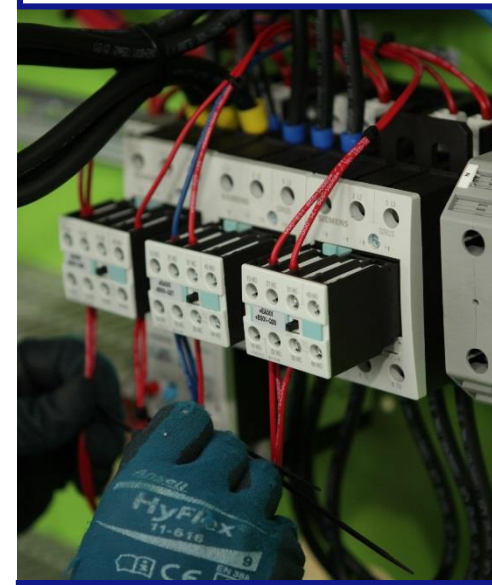# Company presentation

LARM a.s.

LARM a.s.

Production of optoelectronic and magnetic encoders

CNC machining

Mechanical and electrical assembly
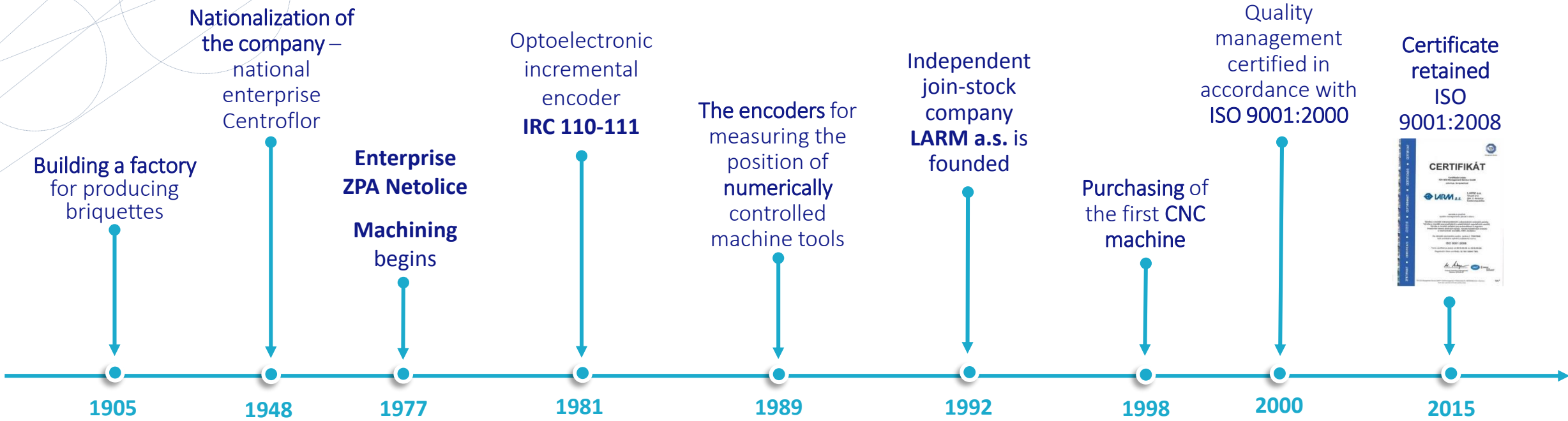
**Production area
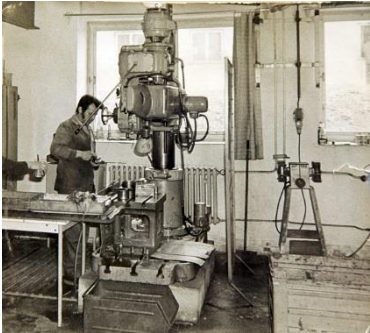2 050 m²**

85 employees

**Premises with an
area of
24 000m²**

LARM a.s.

Nationalization of the company – national enterprise Centroflor

Optoelectronic incremental encoder **IRC 110-111**

Independent join-stock company **LARM a.s.** is founded

Quality management certified in accordance with ISO 9001:2000

Certificate retained ISO 9001:2008

Building a factory for producing briquettes

Enterprise ZPA Netolice

Machining begins

The encoders for measuring the position of **numerically** controlled machine tools

Purchasing of the first **CNC** machine

CERTIFIKÁT

LARM a.s.

1905   1948   1977   1981   1989   1992   1998   2000   2015

Building a factory

Join-stock company LARM a.s.

LARM a.s.

ENCODERS, PROBES

Optoelectronic (absolute/incremental) and magnetic (absolute/incremental), dual encoders, measuring probes, draw wire encoders, hand wheels and electrical power units

Accessories:

Connectors, encoder holders, encoder clips, pinions, connection cables

LARM a.s.

CNC Turning
CNC Milling

We process the following materials:

- Free machining steel
- Carbon steel
- Stainless steel
- Bronze
- Copper

- Brass
- Aluminium
- Cast-iron
- Plastic
- Including casting and forgings

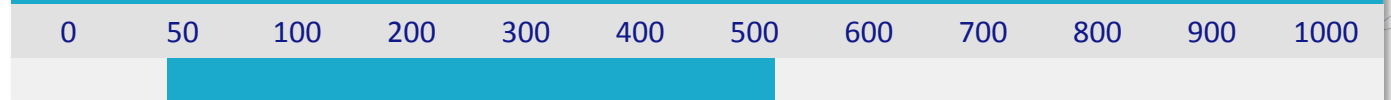**In cooperation we provide the following surface treatments:**

- Case-hardening
- Tempering
- Powder coating
- Anodising
- Galvanising

- Blackening
- Silvering
- Plasma nitriding
- Engraving
- Tumbling

LARM a.s.

Production possibility:

	Max. workpiece weight	Max. workpiece dimension	Machines
CNC turning	20 kg	Ø 300 mm	OKUMA, GILDEMEISTER (7 machines)
CNC milling	20 kg	700 mm x 450 mm 900 mm x 600 mm	MCV – MAS (6 machines) (2 machines)

Optimal production quantity (pcs)

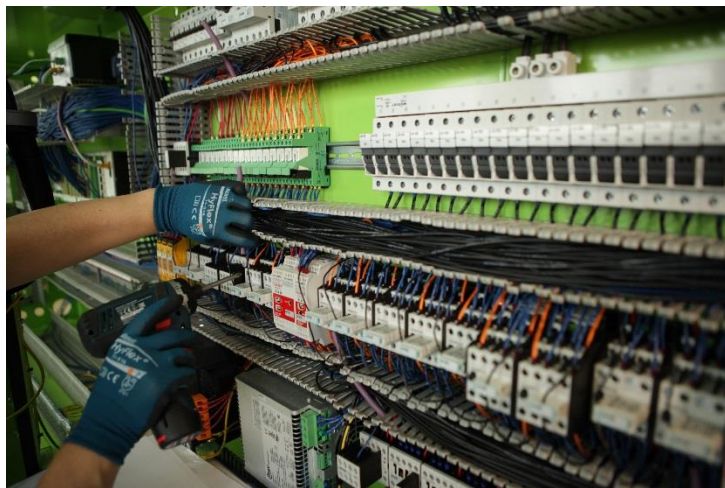| 0	50	100	200	300	400	500	600	700	800	900	1000

LARM a.s.

LARM a.s.

MECHANICAL AND ELECTROTECHNICAL ASSEMBLY

Assembly of precision mechanics and the assembly units, the production of connecting cables or cable harnesses, PCB assembly, distribution boards.

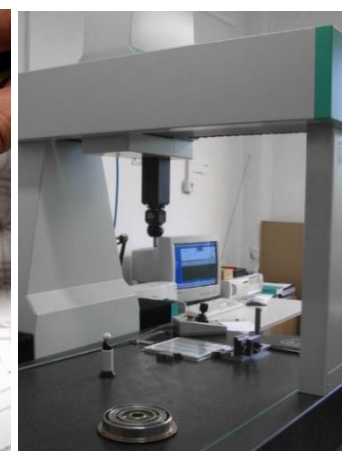- Assembly area 360 m^2
- ESD area 150 m^2
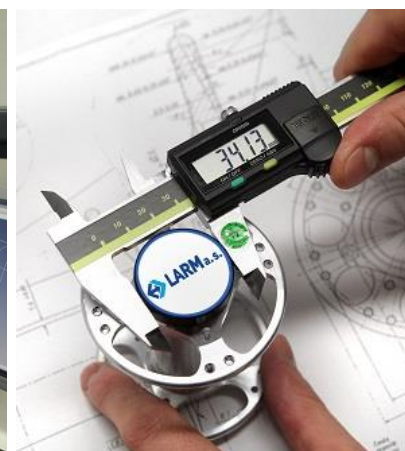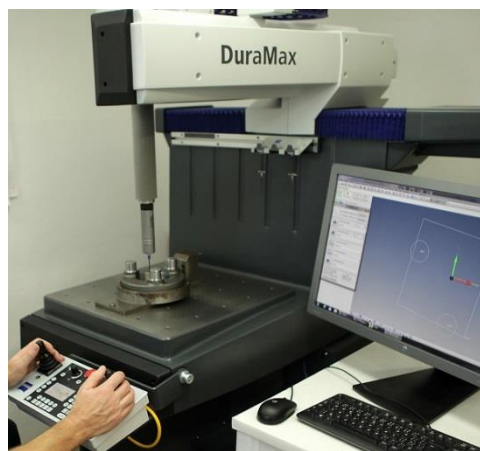

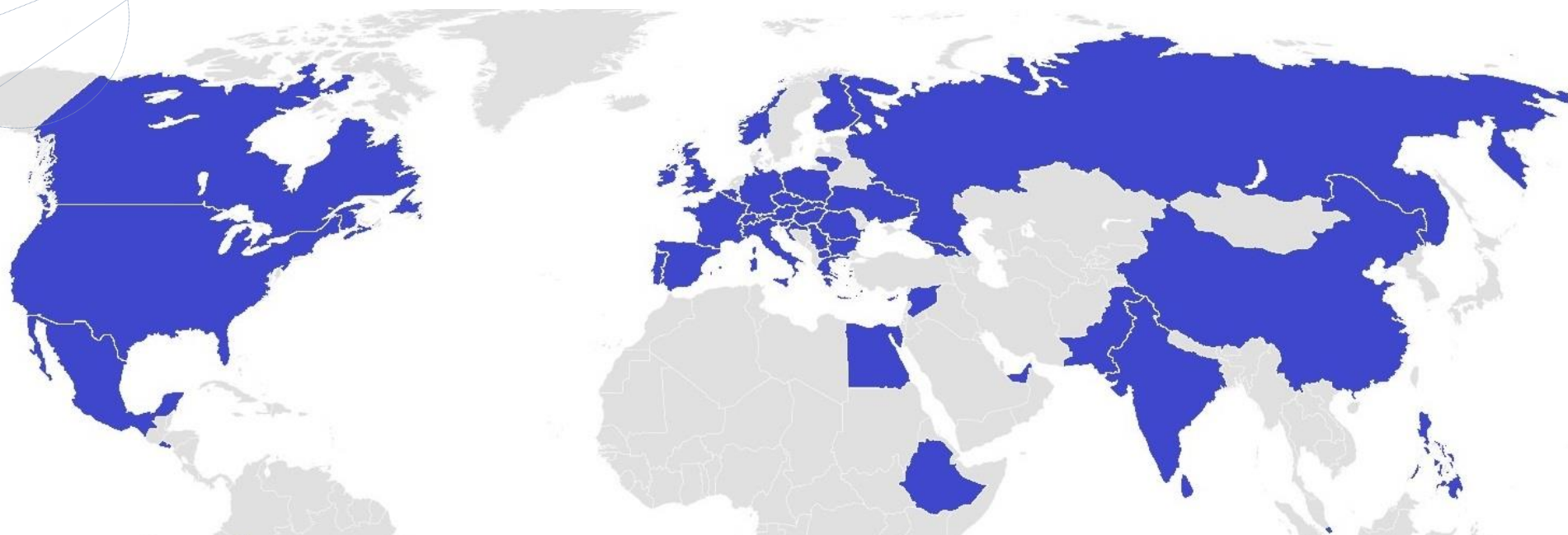**LARM** a.s.

- **DIN EN ISO 9001:2008**

  - **100% rating** from material certification to output checks

  - Separate measuring workstation
  - **MITUTOYO** and **MAHR** surface roughness testers

- **WENZEL** and **ZEISS** 3D coordinate measuring machines

  STEP CAD Convertor for transferring geometric elements and free-shaped surfaces between individual CAD systems, or measuring software

Non – EU countries

				South Africa
Australia	Hong Kong	Mexico	Russia	Sri Lanka
Canada	Chile	Norway	SAE	Switzerland
Egypt	China	Pakistan	Salvador	Syria
Ethiopia	India	Peru	Serbia	Ukraine
Georgia	Macedonia	Philippines	Singapore	USA

EU countries

		Greece	Poland
Austria	Estonia	Hungary	Portugal
Belgium	Finland	Ireland	Romania
Bulgaria	France	Italy	Slovakia
Croatia	Germany	Lithuania	Slovenia
Cyprus	Great Britain	Netherlands	Spain

LARM a.s.

Corporate Development

- **Targeting** at new opportunities and commercial markets
- Production programme **innovation** in the field of encoders
- **Modernisation** of machinery with a new CNC milling and turning centres
- **Development** and training of employees
- **Making use** of students and graduates
- **Implementation** of the new technologies and trends
- **Continuous improvement**
- **CSR activities**

LARM a.s.

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