



»» *ekin*
thinking together

organization



Date of establishment,

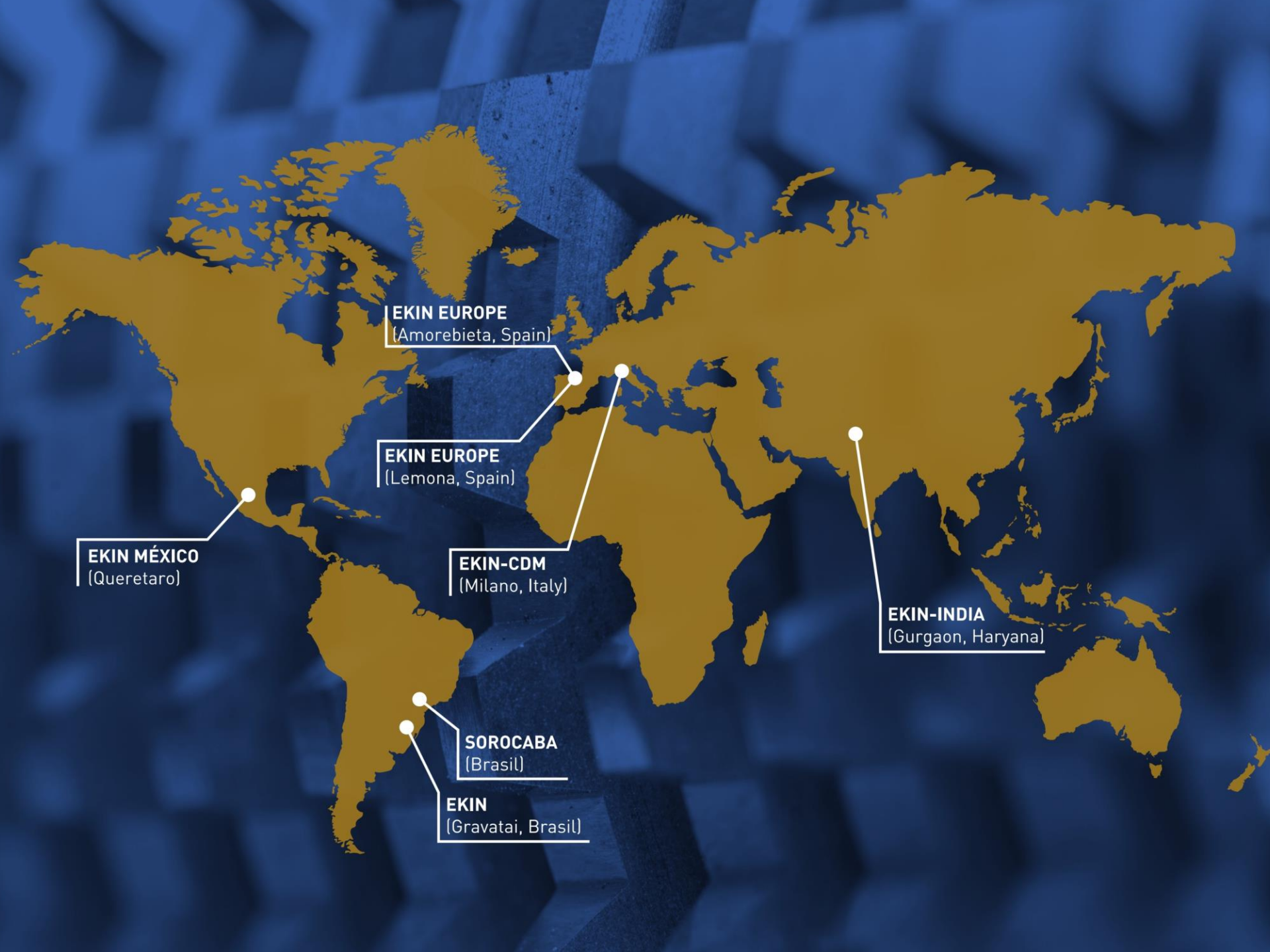
1963

Type of Company,

Cooperative

People involved,

370 around the world



EKIN MÉXICO
(Queretaro)

EKIN EUROPE
(Amorebieta, Spain)

EKIN EUROPE
(Lemona, Spain)

EKIN-CDM
(Milano, Italy)

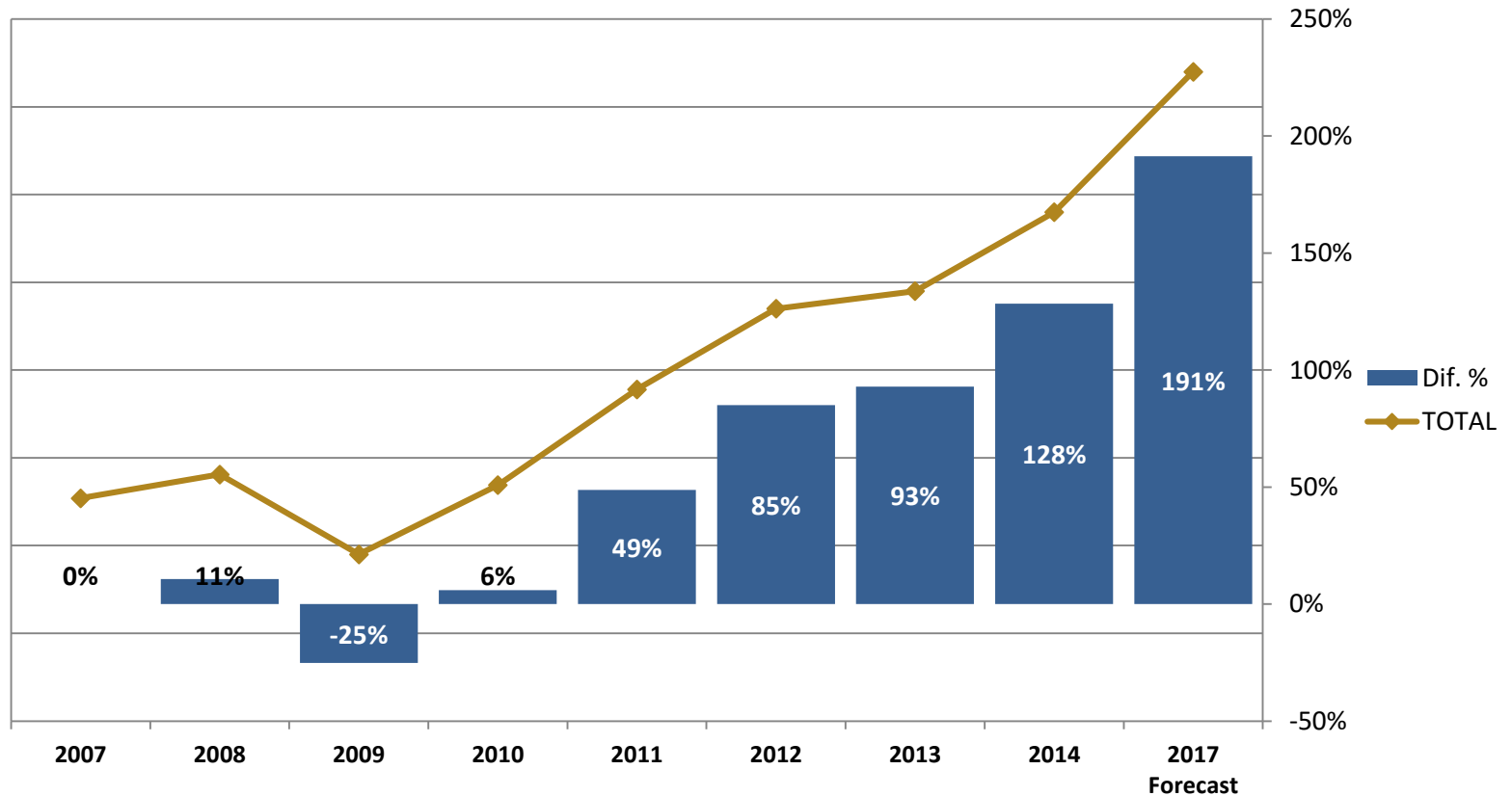
EKIN-INDIA
(Gurgaon, Haryana)

SOROCABA
(Brasil)

EKIN
(Gravataí, Brasil)

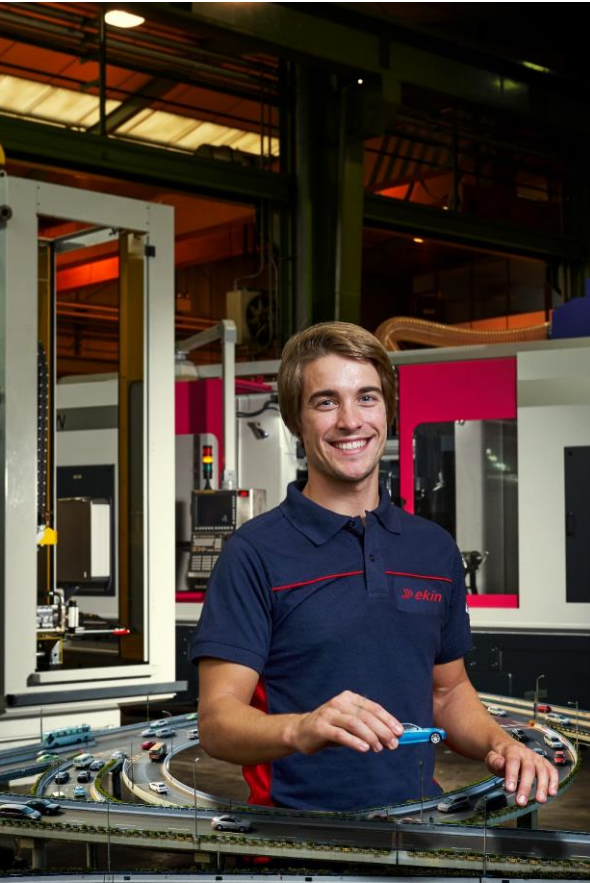
yearly turnover

steady growth and promising future

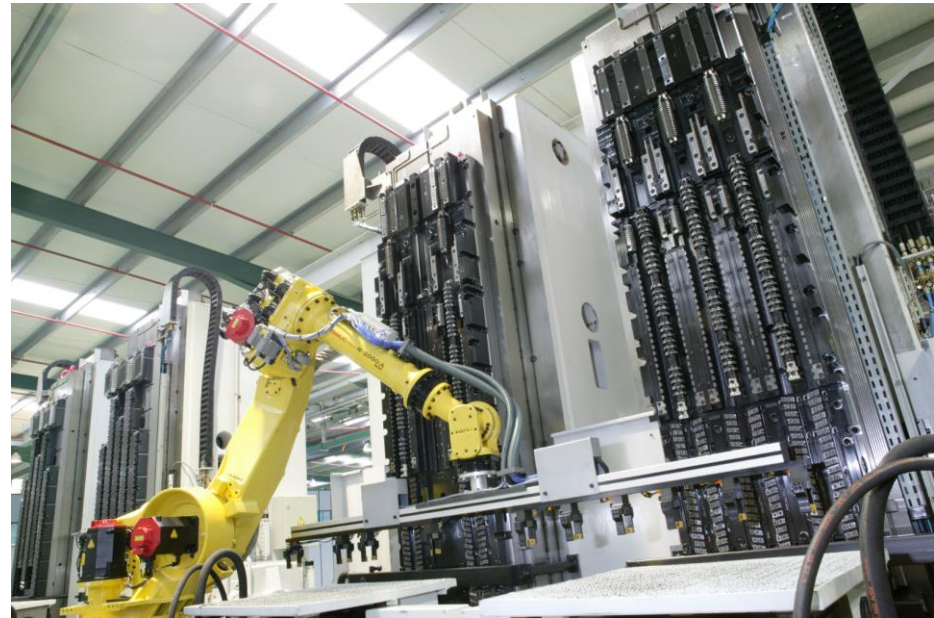


»»» *working areas*

automotive, aeronautic, energy



»» *business areas*



tool manufacturing,
broaching and rolling machines,
additional services.

tool manufacturing

*flat and round broaches,
broaches for steering racks and calipers,
pot broaching,
feertree broaches,
rolling racks.*

»» *tool manufacturing*

round broaches



»» *tool manufacturing*

round broaches,
fullforms, helical splines



»» *tool manufacturing*

big diameters,



»» *tool manufacturing*

special broaches





tool manufacturing

special broaches



»» *tool manufacturing*

flat broaches



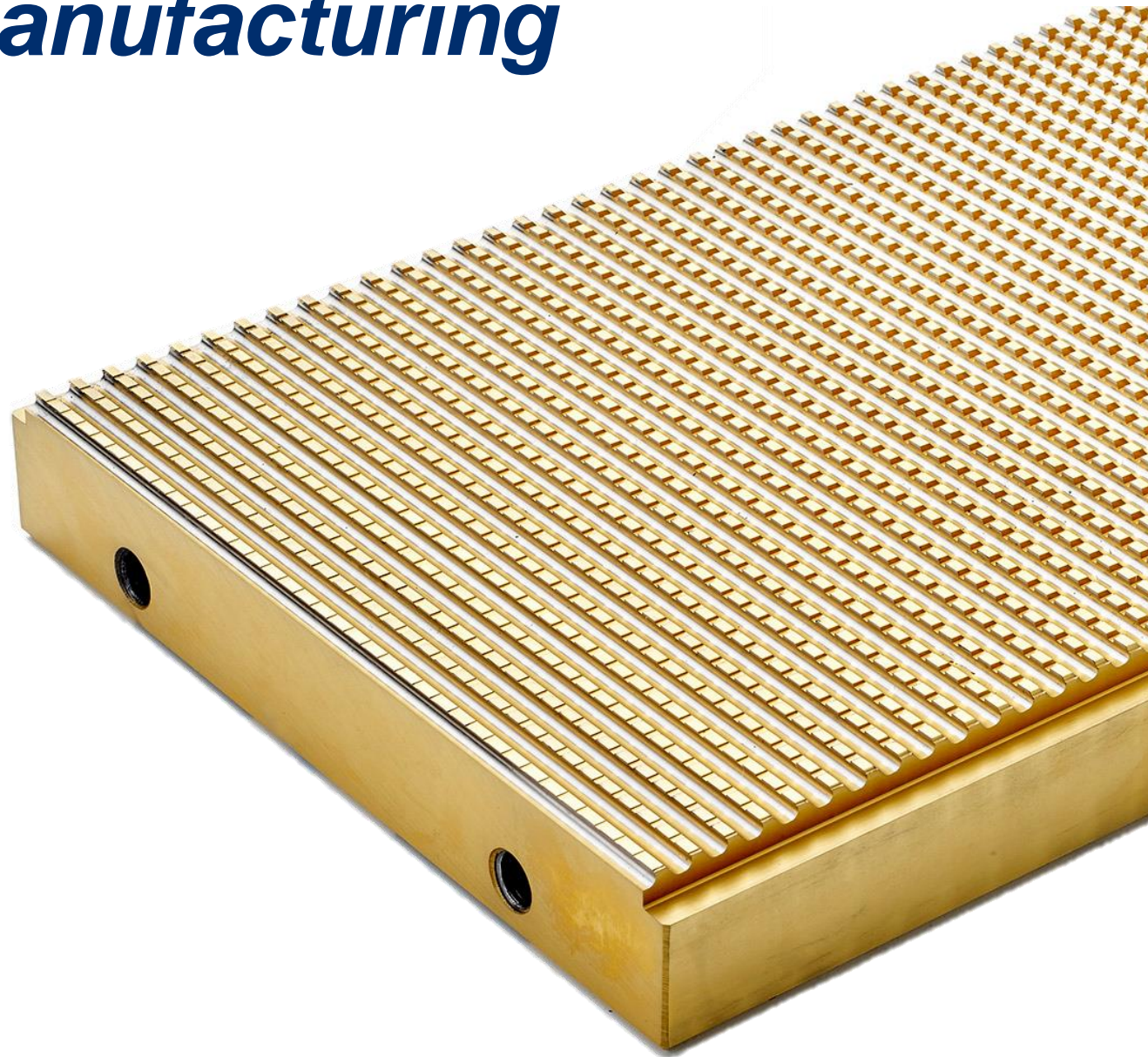
»» *tool manufacturing*

flat broaches



»» *tool manufacturing*

broaches for
Steering racks



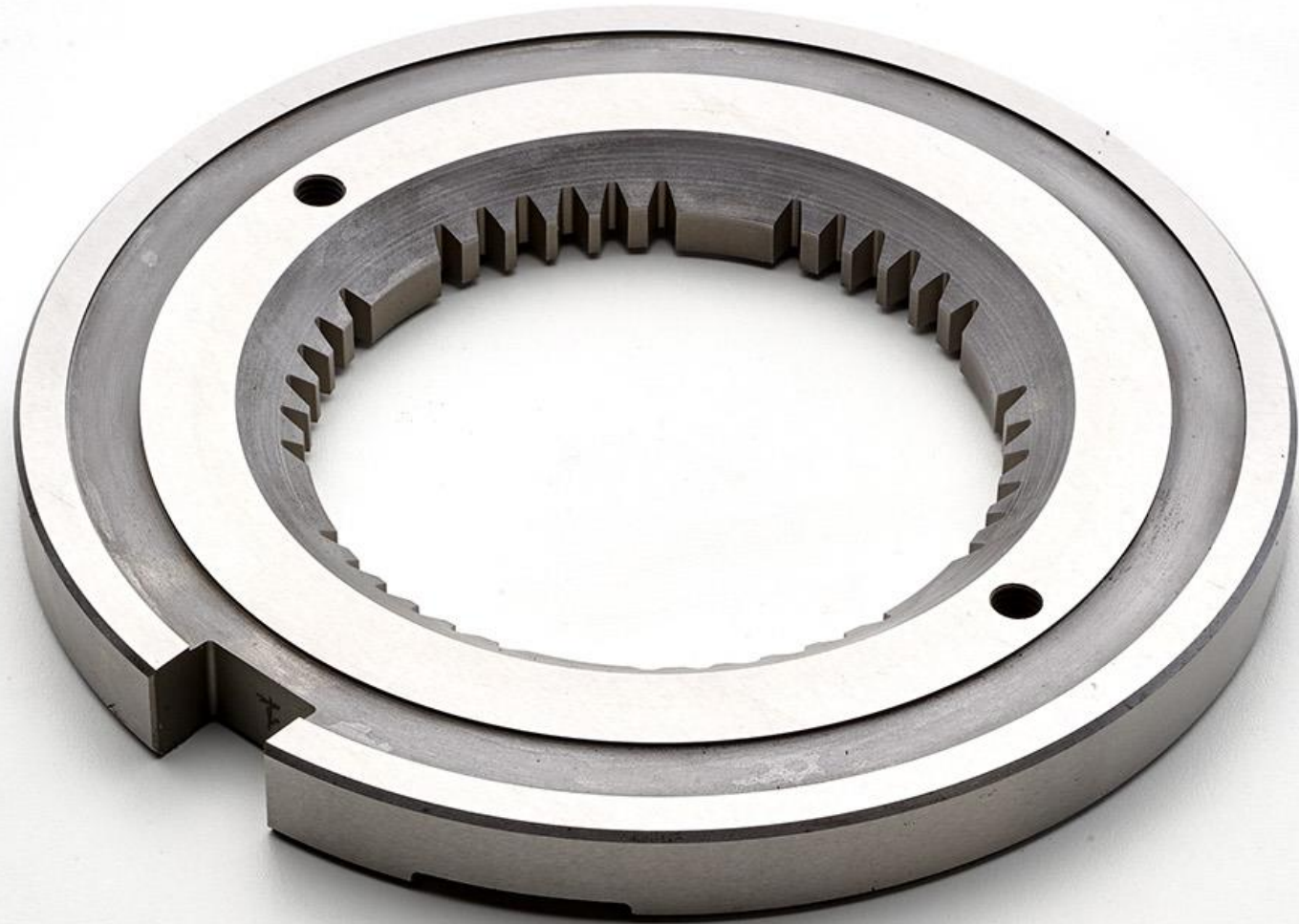
»»» *tool manufacturing*

broaches for
Calipers



»» *tool manufacturing*

pot broaching



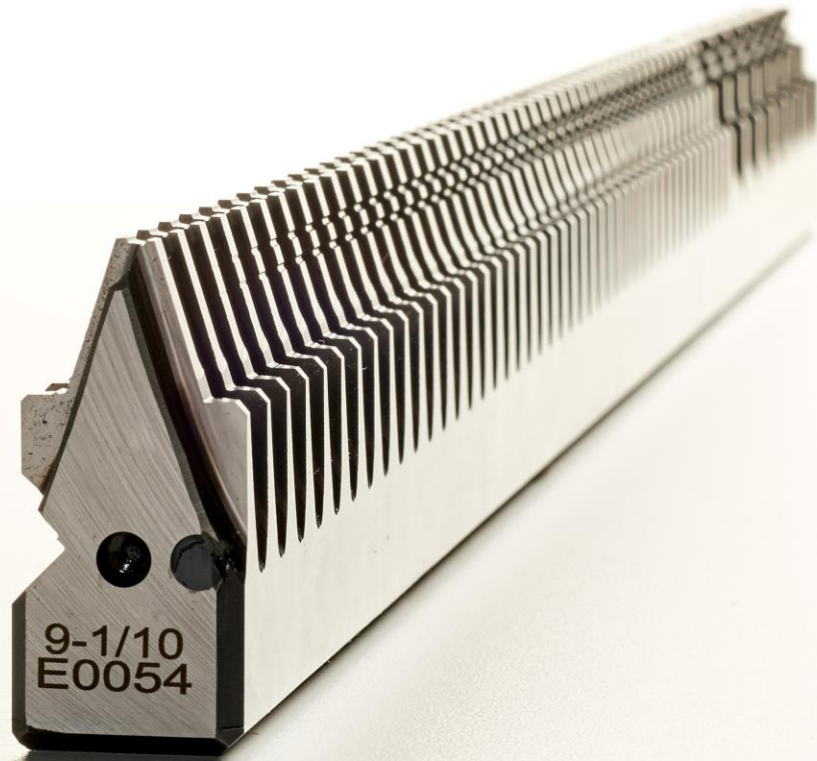
»»» *tool manufacturing*

feertree broaches



»» *tool manufacturing*

feertree broaches



»»» *tool manufacturing*

complete new cell developed for feertree broaches



»»» *tool manufacturing*

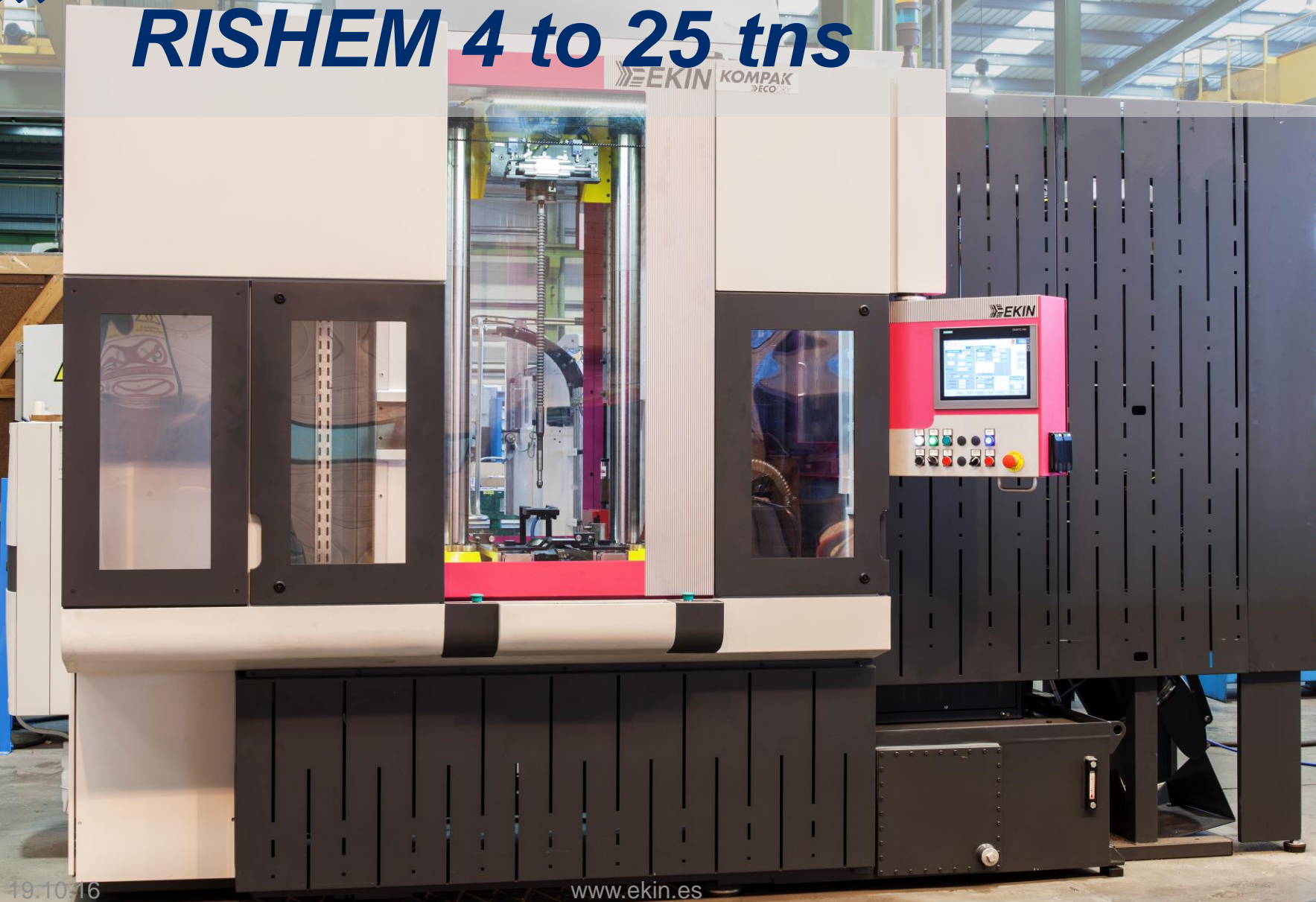
rolling racks



broaching and rolling machines

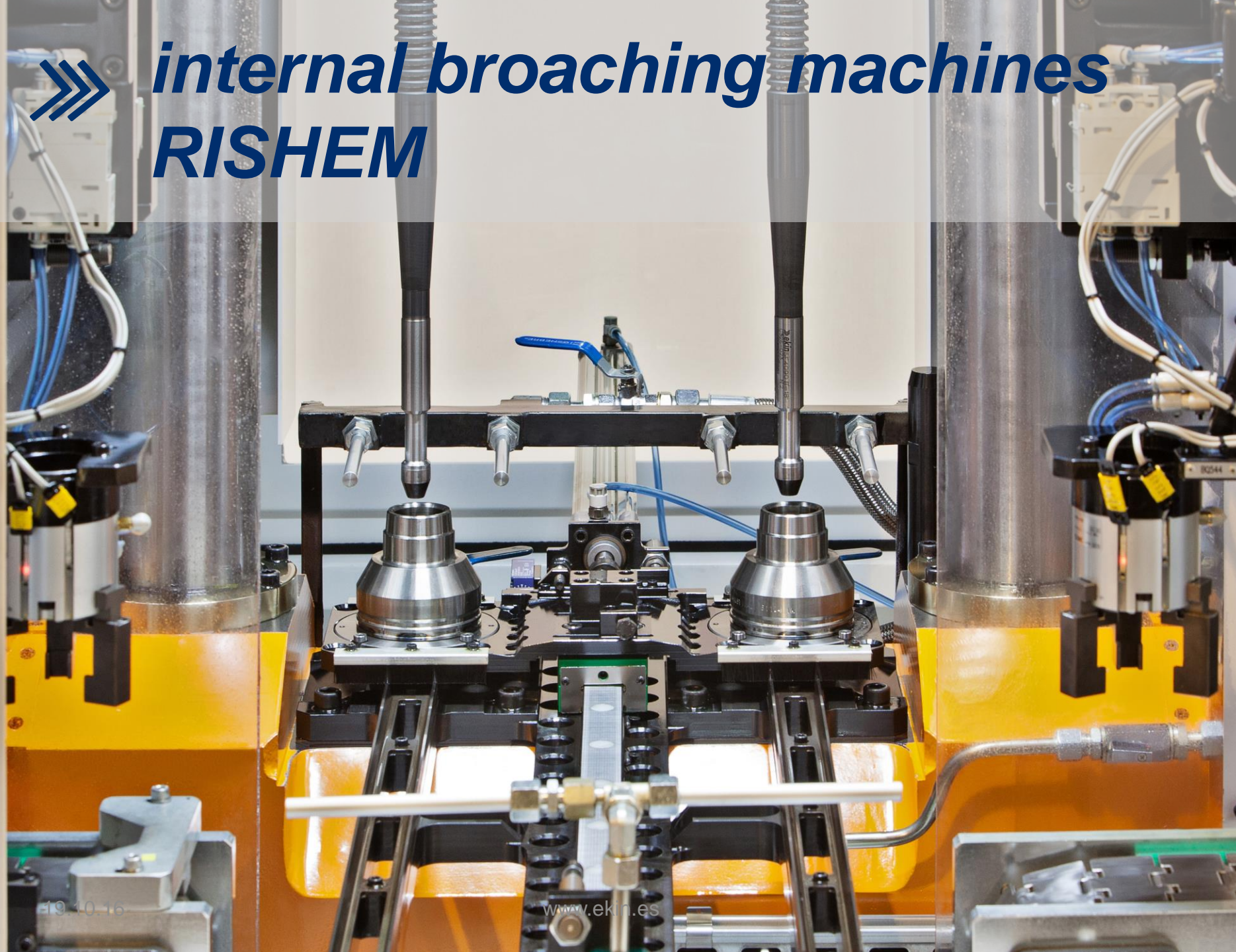
*Internal and Surface broaching machines,
Blind and Pot broaching machines,
Sharpening machines,
Vertical and Horizontal Rolling machines.*

»»» *internal broaching machines* *RISHEM 4 to 25 tns*





internal broaching machines **RISHEM**



»» *internal broaching machines* *RISHEM*

Flexible automation

»» *internal broaching machines* **RISHEM**

Mechanical.

Broaching speed	2 - 10 m/min
Return speed	15 m/min.
Maximum broaching force	40/100/160/250 kN
Maximum travel of the broaching puller	1.000/1.250/1.600/2.000 mm
Number of work stations	up to 4

Electrical.

Supply voltage	400V AC, 50 Hz
Total installed capacity	18/22/28/36 kW
Average Power (*100 kNw)	15/20/25/32 kW/h
Manoeuvres voltage	24V DC
Voltage for electrovalves	24V DC

Fluids.

Lubrication oil type	G220, 3 L
Compressed air	6 bar, 400 L/min
Emulsion (coolant/oil)	300 L

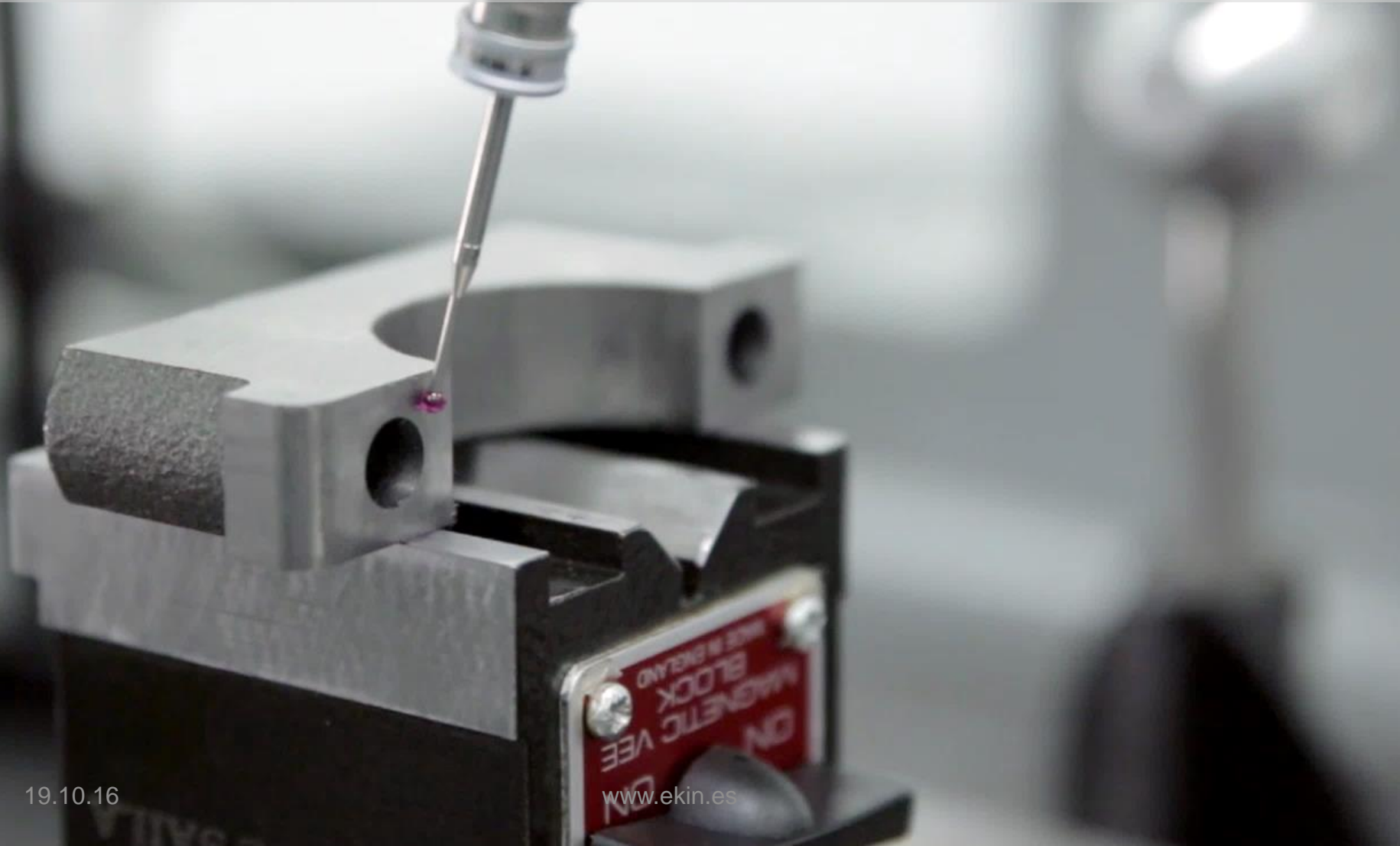
»» *internal broaching machines* *RISHDM 40 to 60 tns*



19.10.16

www.ekin.es

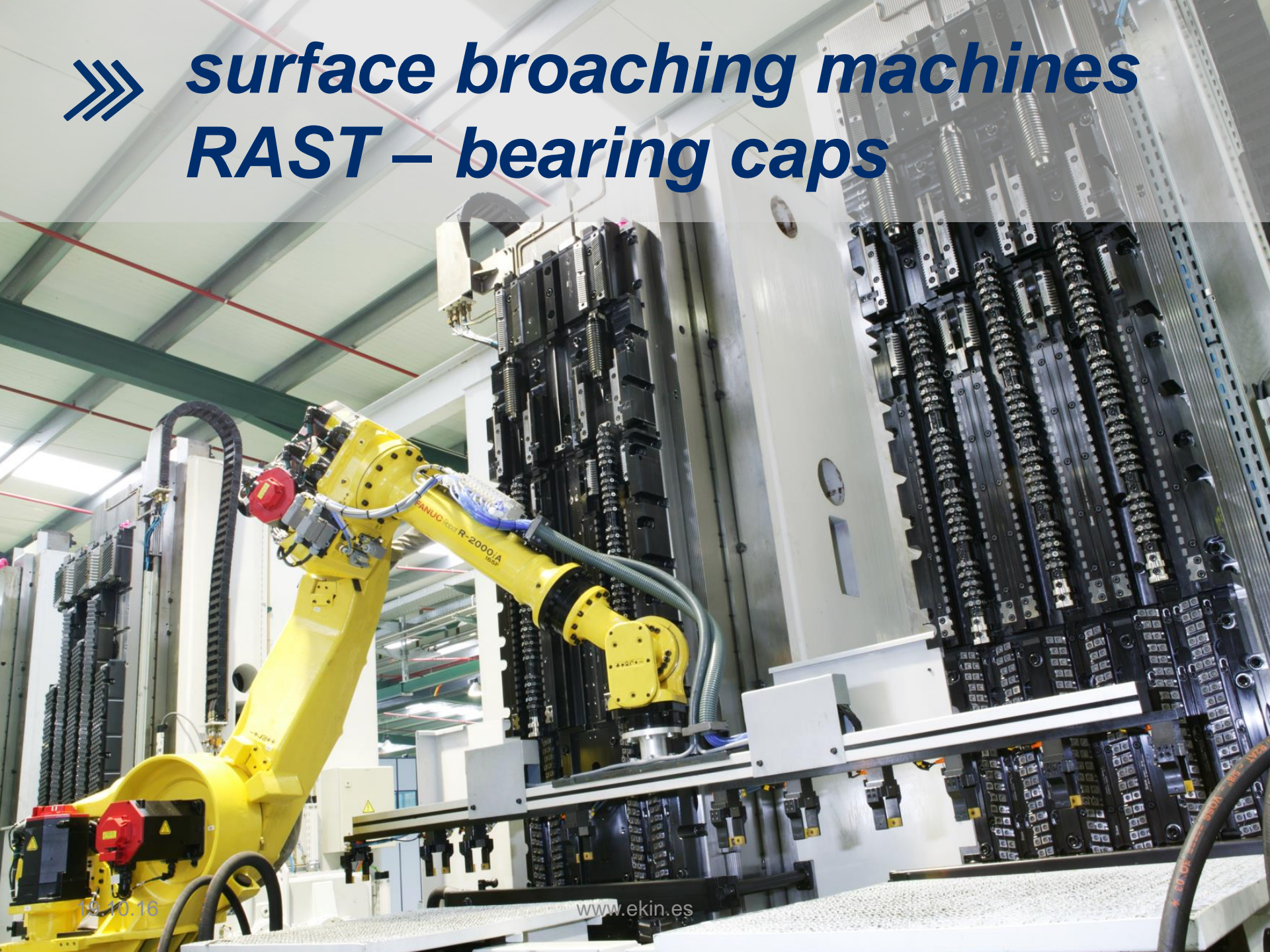
»» *surface broaching machines* *RAST – bearing caps*



»» *surface broaching machines* *RAST – bearing caps*



»» *surface broaching machines* *RAST – bearing caps*

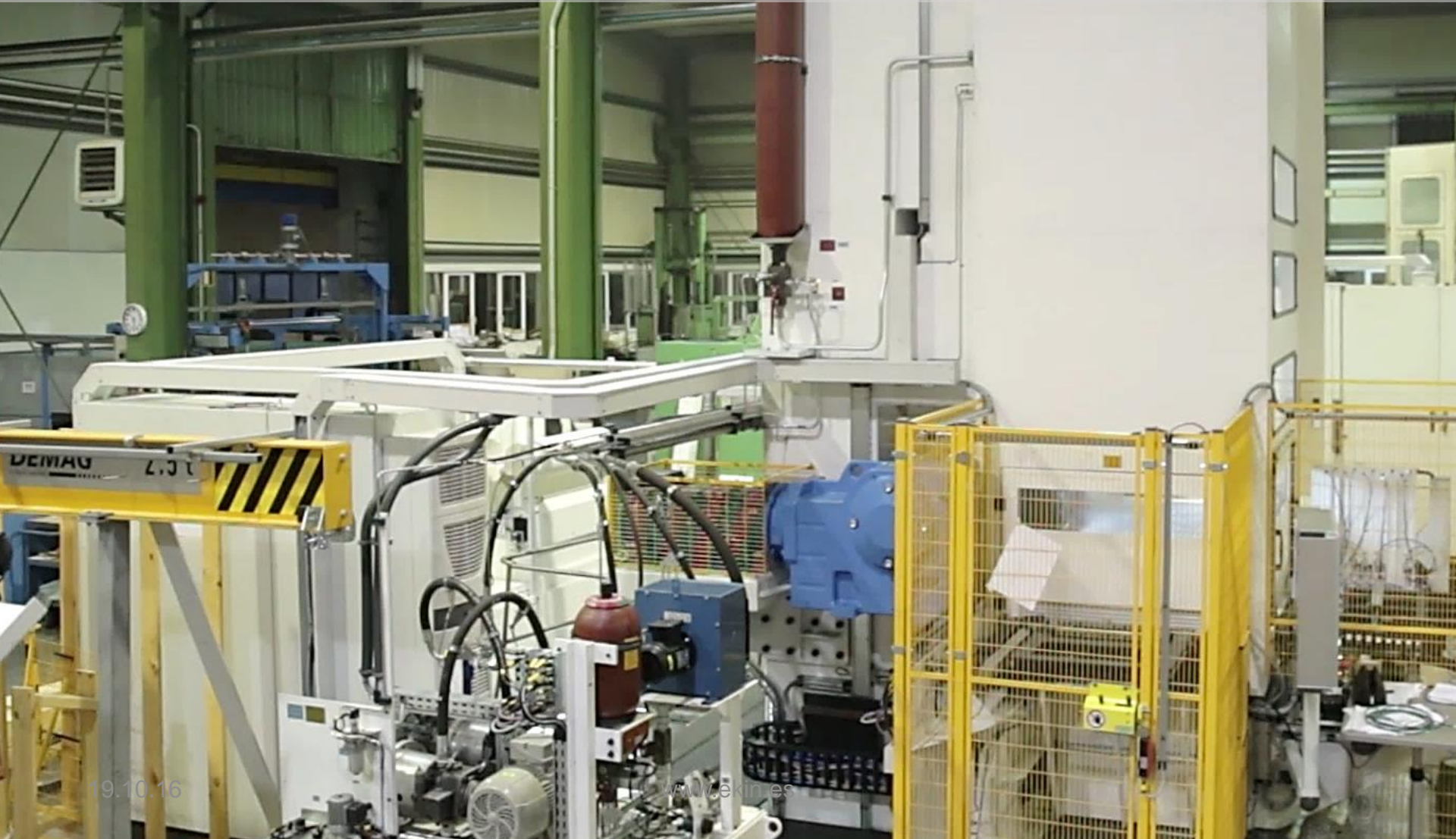


»» *surface broaching machines* *RAST – calipers*

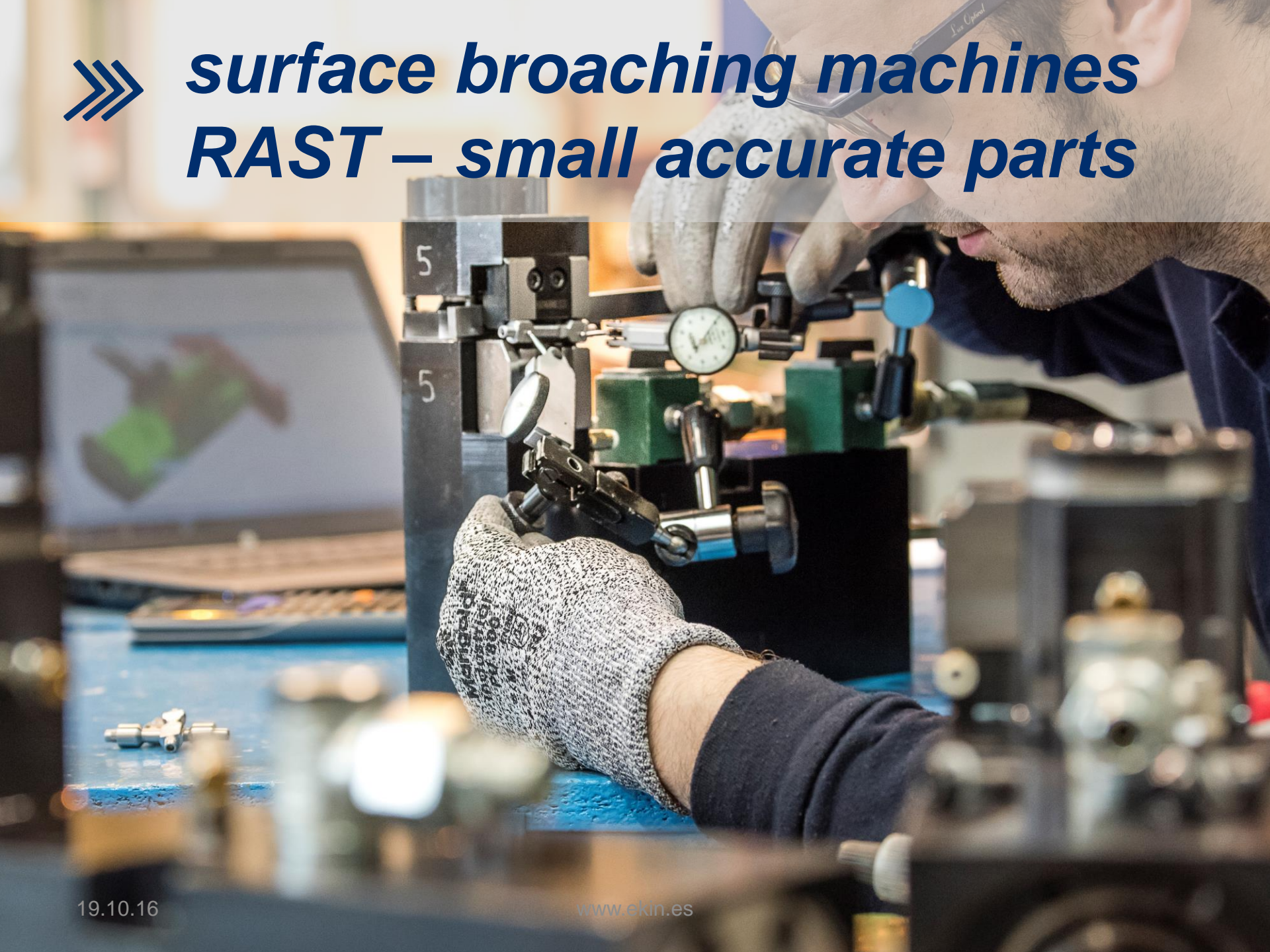


»» surface broaching machines RAST – calipers

»» ekin



»»» *surface broaching machines* *RAST – small accurate parts*



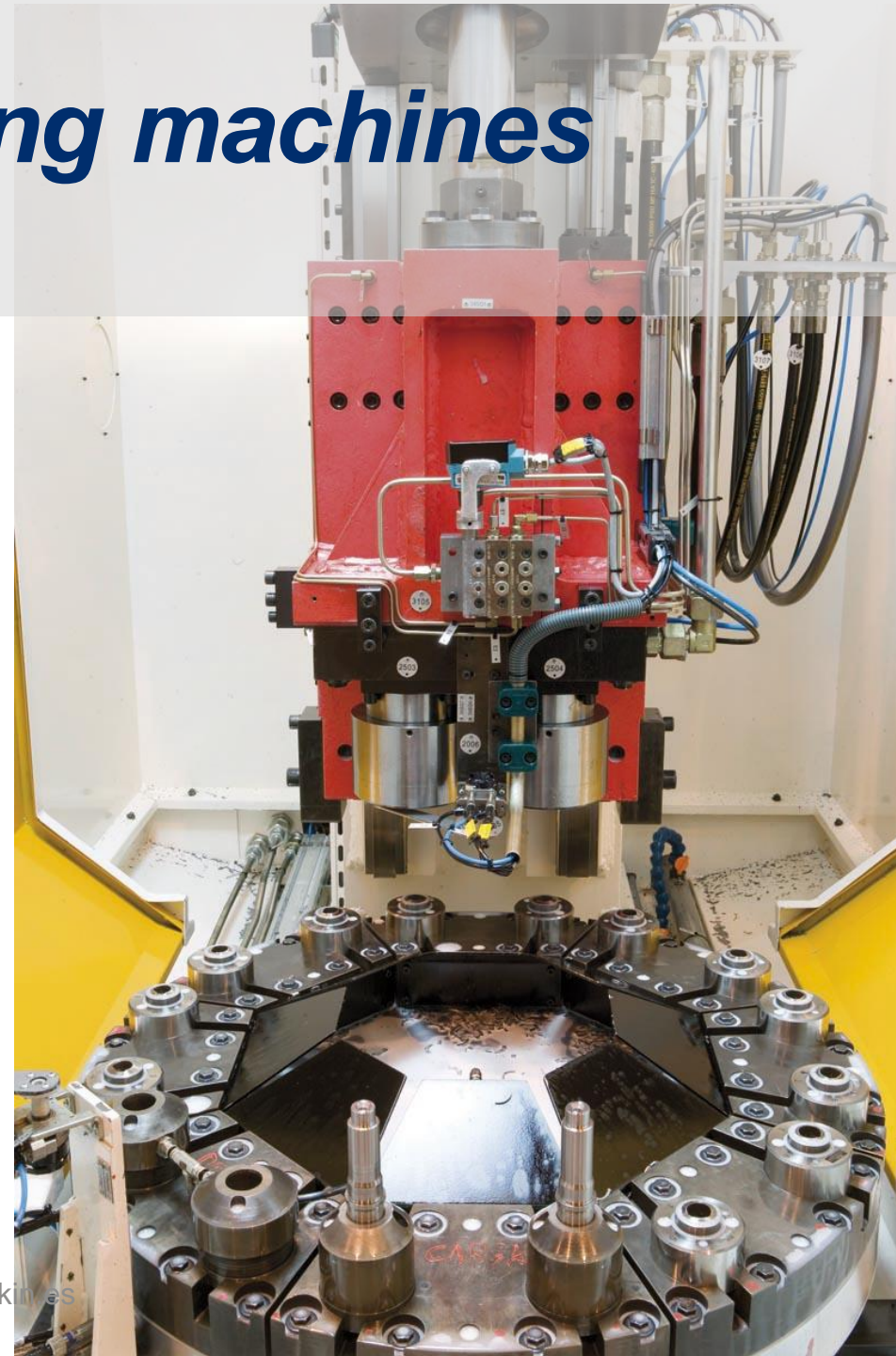
»» *surface broaching machines*
RAST
small accurate parts



»» *surface broaching machines*
RAST – special part broaching



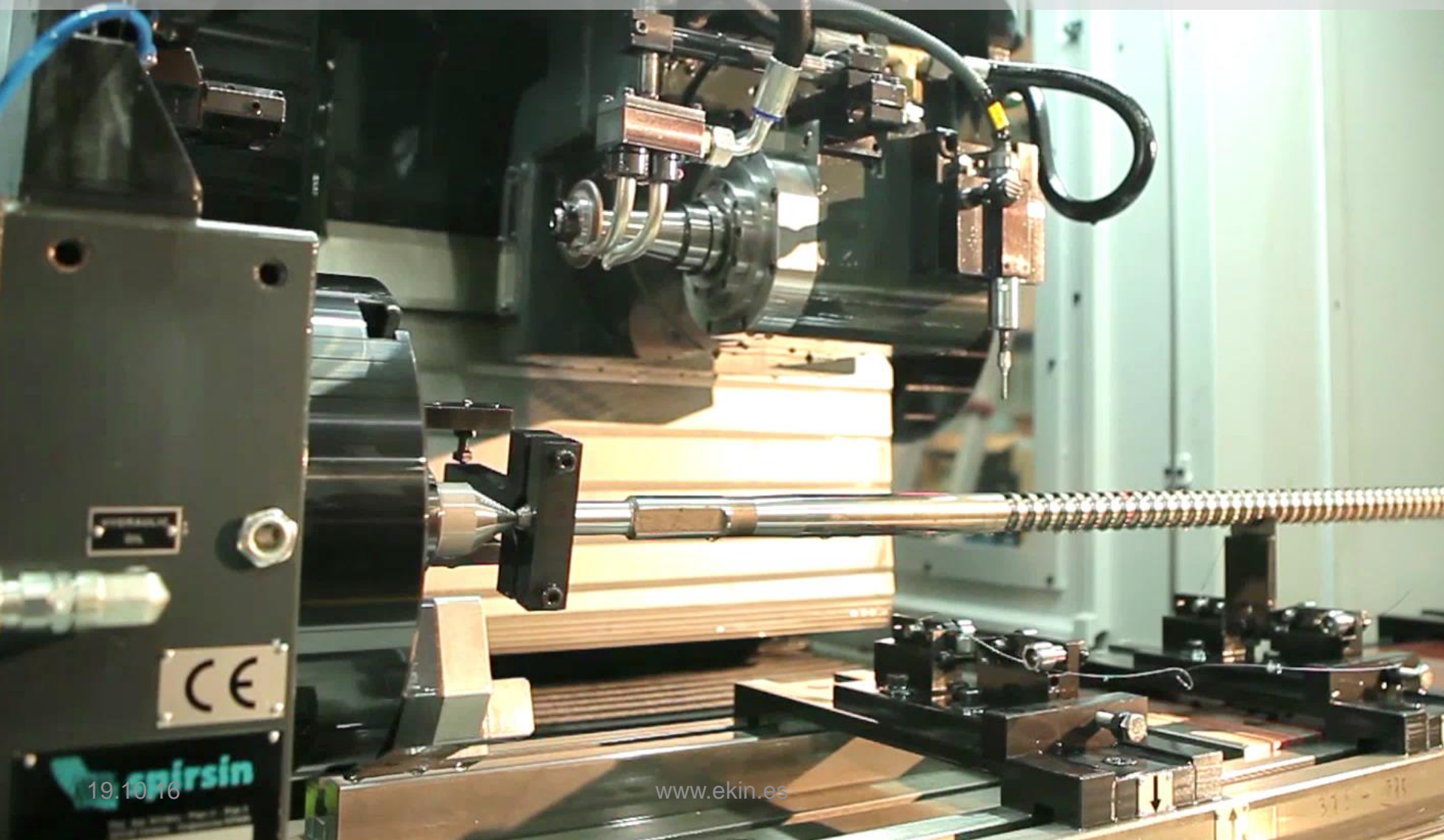
»» *blind broaching machines*



»»» *sharpening machines* *CNC-1200 to CNC-2500*



»» *sharpening machines* *CNC-1200 to CNC-2500*





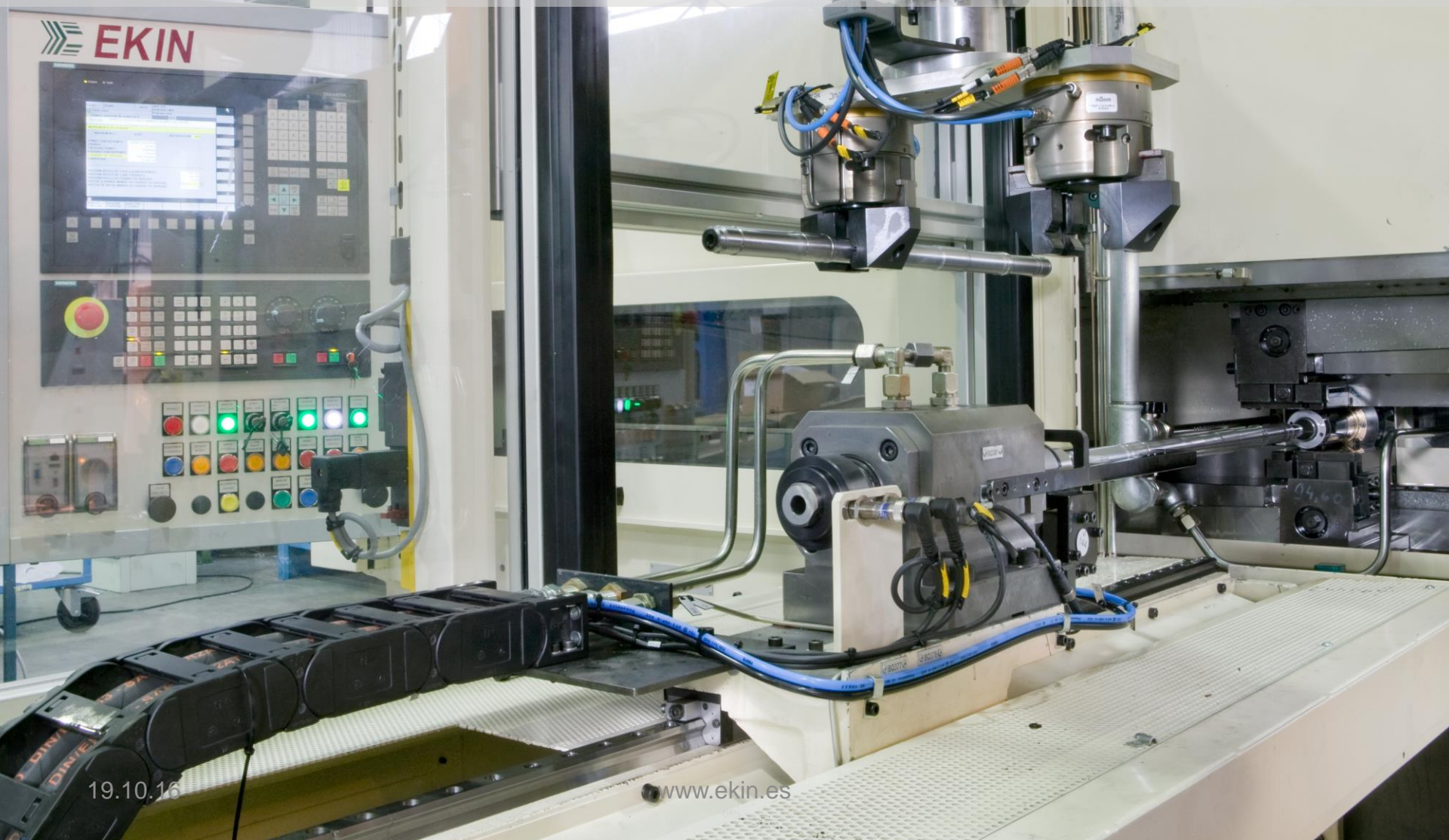
rolling machines LH1200 and LH2000



»» rolling machines LH1200 and LH2000



»» rolling machines LH1200 and LH2000



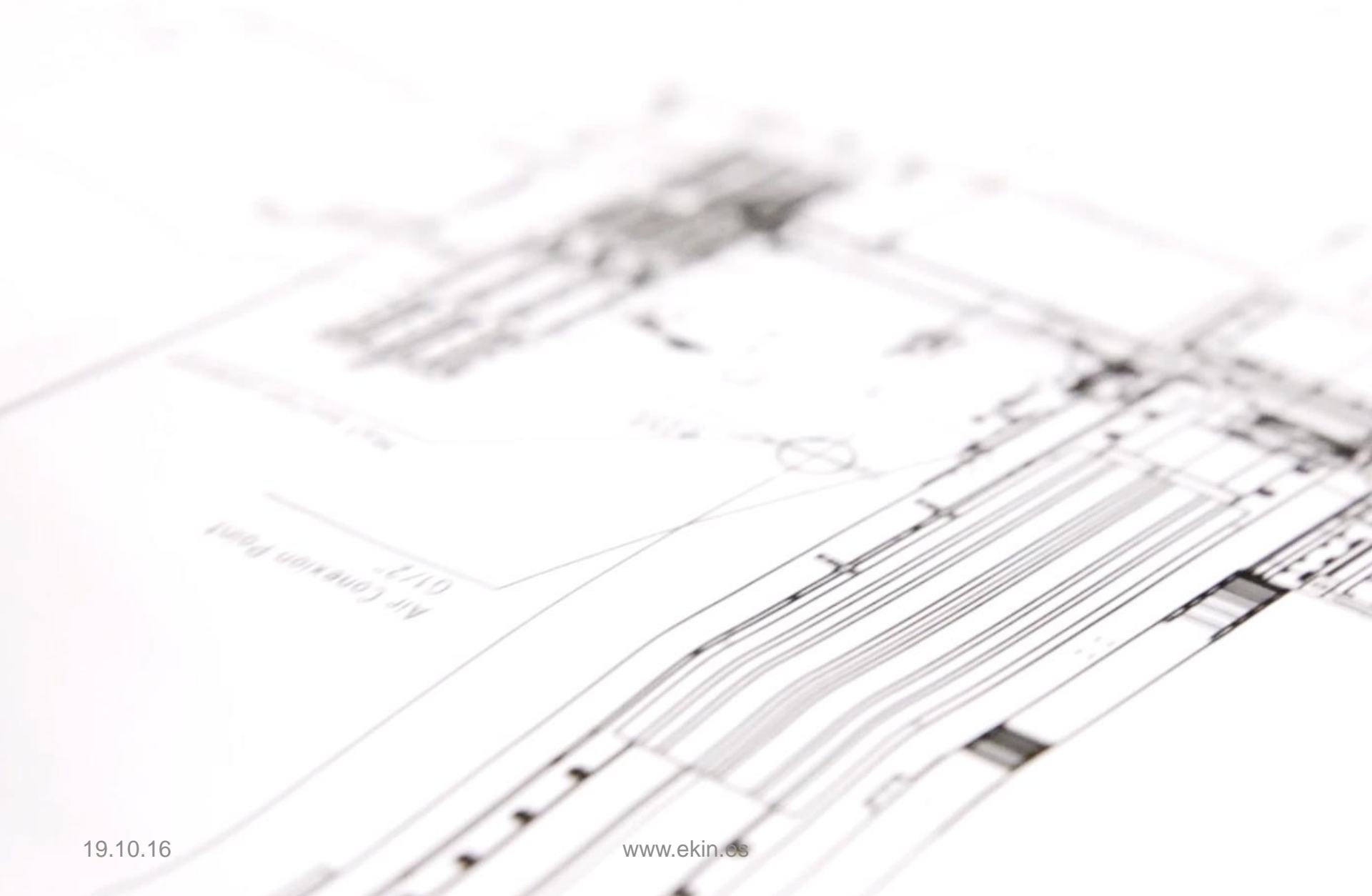
»» *rolling machines*

LH1200 and LH2000

Mechanical.

Max stroke	1.400/2.100 mm
Rack bases distance	5,5" or 6"
Rack max. length	multiple configurations
Working speed	15 m/min
Return speed	30 m/min
Working height	1.175 mm
Machine height	2.000 mm
Length of machine	3.460/5.100 mm
Weight of machine	17.000/33.000 kN
Total installed capacity	42 kw

»» *customized solutions*



services

broaching tools resharpener;

rolling racks regrinding;

subcontracting of broaching and spline rolling;

*renovating, modifying, refurbishing and maintenance of
broaching and spline rolling machines;*

technical and after sales support.



services

technical and after sales support



»»» *services*

resharpening service



19.10.16

www.ekin.es

Our customers

Automotive: OEMs



Automotive: supplier industry



Others: energy, agricultural, industrial...





»» *ekin*
thinking together