

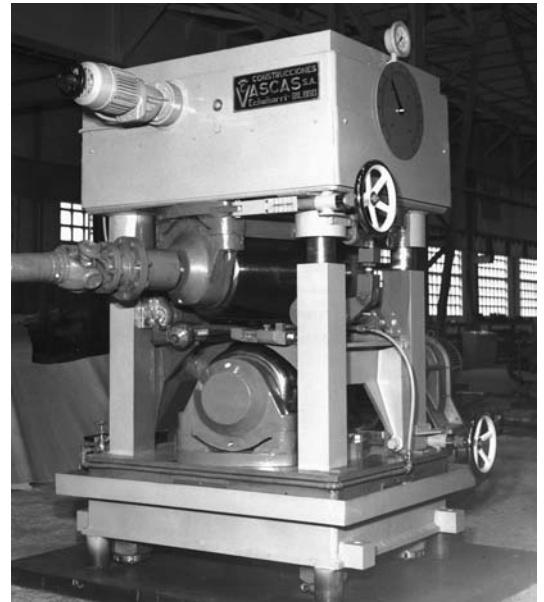
Two Rolls Straightening Machine

for steel, brass, aluminium, copper alloy

The Strength of Tradition

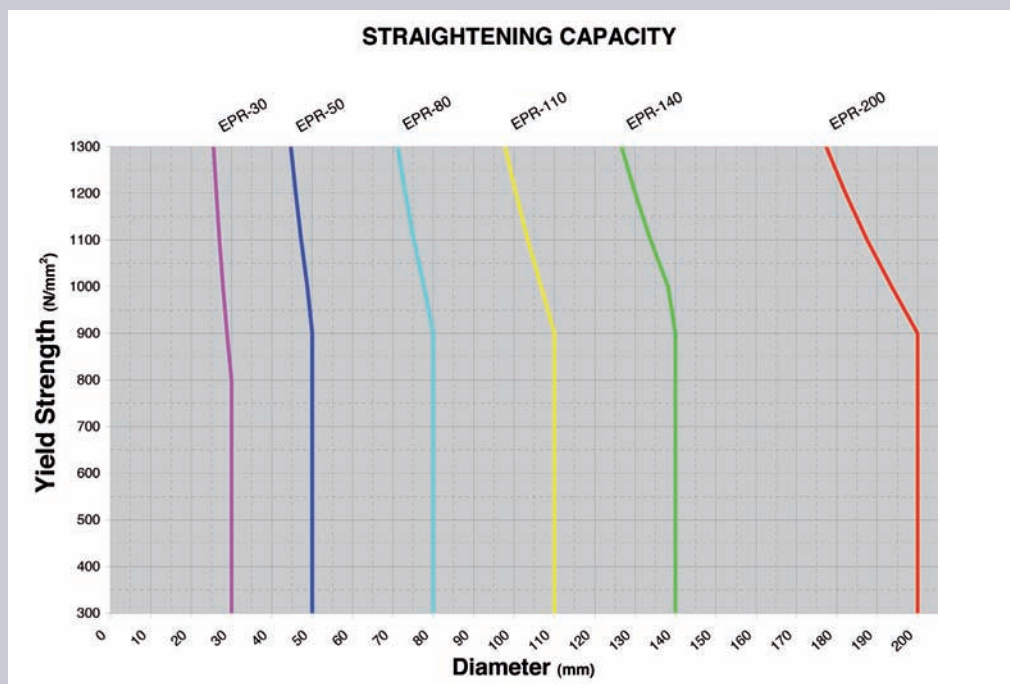
Since 1941, Vascas has gained vast experience in supplying machines and equipment for the iron and steel transformation industry. Over the years, Vascas has become a renowned expert in the design and construction of such machines, in particular straightening machines. Vascas started to supply the first straightening machines during the 1950s.

During the early 1960s it supplied its first straightening machine with two rollers which is still being used. With the passage of time, Vascas has made these types of machines its main specialist area whilst developing significantly on a technological level. The result of this continuous improvement process is the design of a machine which is a leader in the current state of the art.



MODEL	BAR DIAMETER * mm	LINEAR SPEED (up to) m/min	POWER (up to) kw	STRAIGHTENING FORCE tons
EPR-30	8 - 30	120	2 x 30	12
EPR-50	12 - 50	100	2 x 55	45
EPR-80	18 - 80	80	2 x 90	110
EPR-110	20 - 110	60	2 x 200	230
EPR-140	30 - 140	50	2 x 315	330
EPR-200	50 - 200	40	2 x 450	750

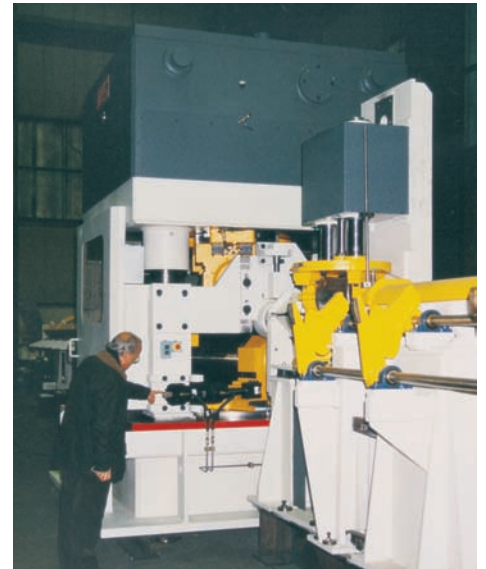
* Diameters of bars to be straightened according to the following graphic



Heavy Duty

This is our main focus when designing a straightening machine. A sturdy and rigid construction means higher accuracy in the straightening process, long lasting of the main components of the machine, lower maintenance costs and it's possible to apply more power.

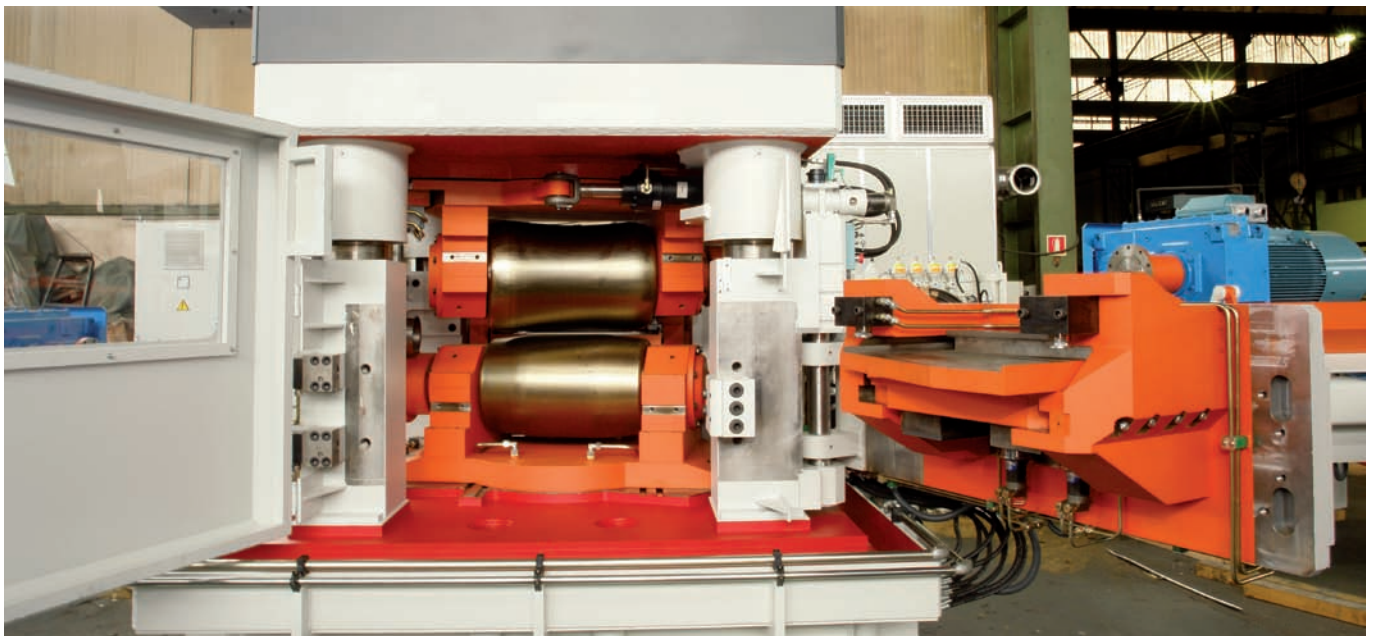
All of our machines are equipped with hydraulic roll load control.



Easy operate



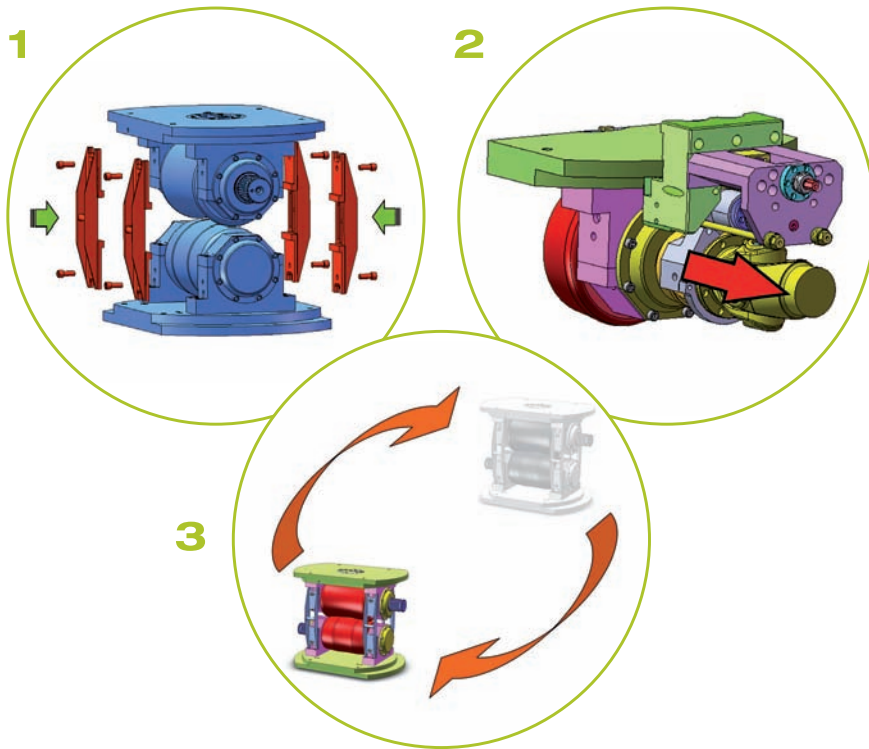
EPR straightening machine can be fully automated in all its set-up adjustments. Angle and pressure of rolls and positioning of guides can be inserted and monitored from the main control panel.



Quick Rolls Changing

Changing of rolls does not only apply to replacement a worn-out set with a new one but can also allow a different profile of rolls to be used in the same machine. This is both useful to increase the working range or just to fit with the right profile of rolls for different alloys of bar's material.

Vasca's quick roll changing equipment dramatically reduces this times with its no-bolts fully driven system.



Complementary Equipment

A - Soundproof protection



B - Entry and exit pinch-rolls



C - Entry and exit channels

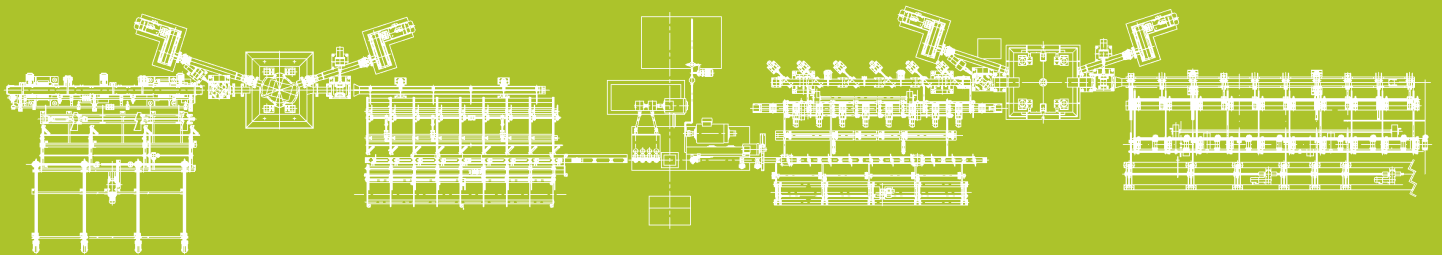


D - Loading and unloading tables





Vascas EPR-110 model two rolls straightening machine for round bars



Straightening, peeling and polishing line for round bars

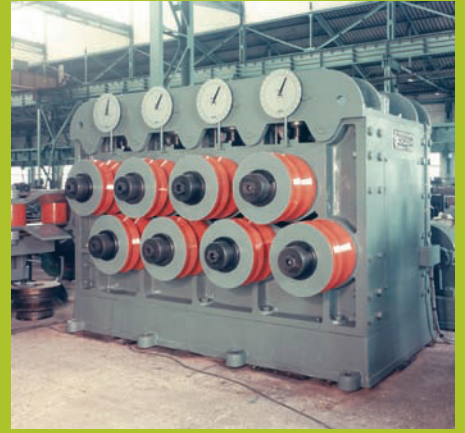




Billet Grinding Machine



Abrasive Cut-off Machine



Multiple Rolls Straightening Machine