

MOTORISED RING BENDING MACHINE APK 35



APK 35

Article Number: **83132**

EAN Code: **9004853831324**



TECHNICAL FACTS

- Bending performance data for steel: 60x10 mm, Ø 800 min. / yield strength 240 N/mm²
- Very powerful, drive motor 1,500 W
- Rapid forward / backward feed 4.3 m / min
- Adjustment roller Ø 155 mechanical
- Two drive rollers Ø 155 mm
- Directional shafts mechanical
- Solid cast iron frame
- Mobile control column with emergency stop
- Double foot pedal forward/backward thrust

PRODUCT HIGHLIGHTS

High-quality ring bending

Simple bending radius or full circle - the APK ring bending machines enable precise rolling of bar materials such as flat, square, round, tubular and shaped steel.

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High-quality drive solution

The heart of the APK models is a powerful drive motor with a durable reduction gearbox. The forward and reverse thrust of the drive rollers takes place on a mobile control panel with double foot pedal. The roller transmission with quality bearings and specially hardened gears is protected against overload by means of a friction clutch.

Precise rolling straightening systems

The APK ring bending machines are equipped with two or three hardened drive rollers. The roll bending radius is set by means of one or two precision, mechanically or hydraulically adjustable rollers. Two laterally mounted, mechanically adjustable straightening shafts offer maximum rolling accuracy.

Roller sets

The APK models are equipped with a standard set of rollers for flat, square and T-steel. Special roller sets for round and tubular steel, section steel and angle steel as well as special straightening aids are available as special accessories.

Installation

APK models can be installed vertically or horizontally as required.

Application examples -

Pipeline
construction - Tank
construction - Installers
- Steel
construction - Railing
construction - Locksmiths
- Forging
- Mechanical
engineering - Sheet
metal working - Car body construction
- Car
workshops - Training workshops

Standard features

t - Standard castors - Hardened

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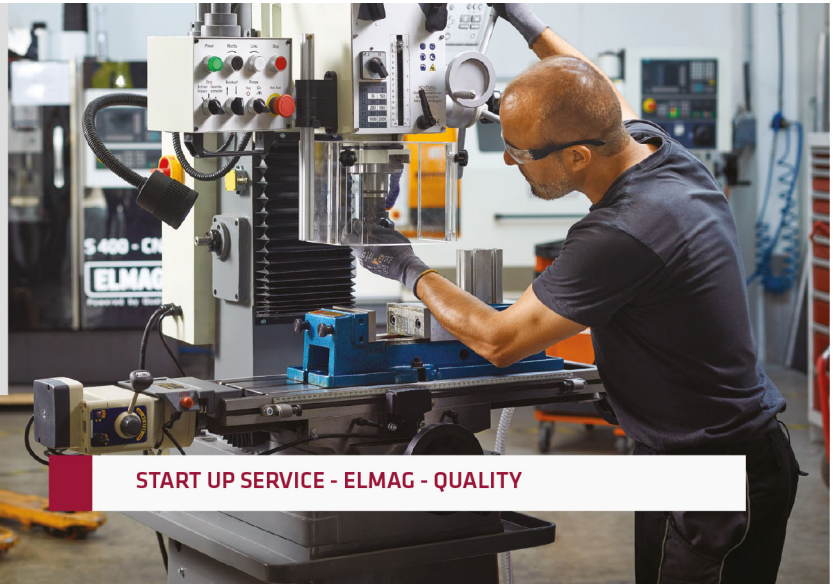
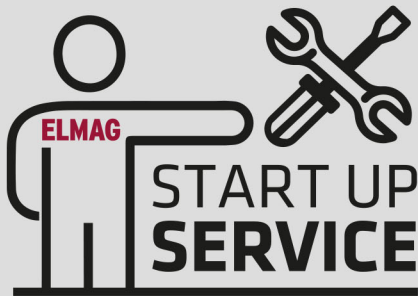
special steel - Roller axles - Hardened
 special steel - Straightening shafts - Hardened
 special steel - Roller adjustment on top mechanical
 - Straightening shaft adjustment mechanical
 - Mobile operating column/Emergency
 stop - Double foot pedal forward/reverse
 - Operating instructions / CE

Special accessories

Round and tube
 steel bending rollers - Form
 steel bending rollers - Angle steel
 bending rollers - Angle bending device
 - Mobile control panel ER digital / emergency
 stop - 2 feed speeds

SPECIFICATIONS	
roll diameter above	155 mm
roll diameter below	155 mm
axis diameter above	50 mm
axis diameter below	50 mm
adjusting roll mechanical	1 Num.
drive rollers	2 Num.
advance speed	4.3 m/min
positioning vertical	Yes
positioning horizontal	Yes
drive motor	1500 W
voltage	400/50 V/Hz
Length	730 mm
Width	830 mm
Height	1350 mm
Weight	400 kg

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START UP SERVICE - ELMAG - QUALITY

ELMAG® - Start-up Service

Including ELMAG®-Quality Check

- Depreservation, degreasing and de-securing
- Assembly until ready for use
- Oil filling of gearboxes, oil baths and central lubrication systems
- Testing of electrics, safety components and devices
- Test run on all shift and power levels
- 30-minute test run at the highest power level
- Checking and, if necessary, adjustment of machine tolerances, e.g. V-belt tension and spindle concentricity
- Testing of all machine functions

For lathes, in addition:

- Lathe chuck reassembly with marking of minimum tolerance
- Measurement of the spindle nose to tolerance < 0.01 mm
- Measurement of the lathe chuck
- Setting the tailstock parallelism

For MIG/MAG/MMA/WIG welding, plasma cutting & induction heating equipment (depending on the type of equipment)

- Assembly of the unit, chassis assembly
- Intermediate hose assembly
- Mains plug assembly and gas hose assembly
- Connection preparation for gas or compressed air
- Control cable plug Assembly on hose assembly
- Installation & activation of water cooling unit for modular systems
- Filling with cooling liquid for liquid-cooled units
- Short test run or test welding

Competent execution guaranteed

