



Rudolf Kunkel Maschinenbau GmbH

A blue-toned photograph of a mechanical press in operation, with a hammer striking a workpiece. Overlaid on the left is a semi-transparent technical diagram of a gear mechanism.

ENGINEERING  
FOR MANUFACTURING

INNOVATIVE AND  
FUTURE-ORIENTED



**EDZ 500**

**HEAVY-DUTY PRESS FOR AUTOMATIC  
PRODUCTION PROCESSES**

[www.kunkel-maschinenbau.de](http://www.kunkel-maschinenbau.de)

# EDZ 500

## HEAVY-DUTY PRESS

The EDZ 500 is a strong kind of straightening machine combined with comfort! This machine is used in industrial applications with serial productions and the focus on efficient bending and straightening procedures. The straightening blocks of the depicted machine can be adjusted automatically enabling the perfect integration of the EDZ 500 in automated production lines.

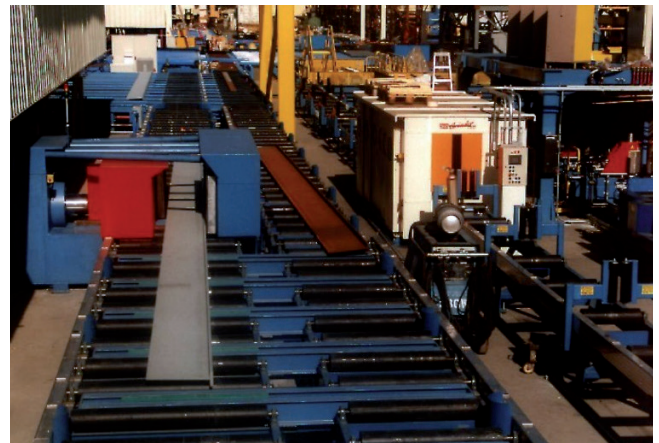
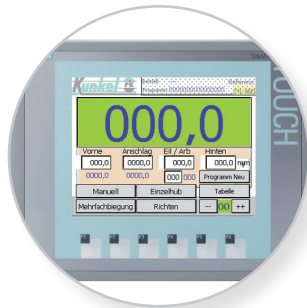
Bending capacity available upon request.

### TECHNICAL DATA

Compressive force	5.000 kN (500 t)
Adjustable	0-5.000 kN
Cylinder stroke	n. Spez. 300-1.000 mm
Clearance	300-1.200 mm
Motor power	75 kW
Operational pressure	Max. 300 bar
Tool height	200-800 mm
Dimensions (LxWxH)	depending upon design
Weight	20.000 kg

### CONTROL

**Inklusive  
SPS Standard  
Control**



## STRAIGHTENING PRESSES FOR HEAVY STEEL CONSTRUCTION

Hydraulic straightening and cambering presses are applied in heavy-duty steel construction industry to pressurize or straighten beams and profiles. For optical design reasons, contemporary steel construction demands the cambering of construction elements (slight camber against gravity) in order to achieve the visual effect of straight horizontal lines in building structures under load.

## PRECISION AND EFFICIENCY - KUNKEL MACHINES CAN DO BOTH

Deadline and cost pressure on the construction site make it necessary to deliver tailor-made components just in time. Kunkel machines convince in terms of precision and economic efficiency. Because the technical equipment of the machines leaves hardly anything to be desired.



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## BY PRACTITIONERS FOR PRACTITIONERS

We have been building straightening and bending machines for 3 generations. Customers can't only expect quality „Made in Germany“, but also a high investment security. Kunkel machines retain their value. When deciding on a stronger, technically more advanced or newer machine we will accept the „old one“ in payment. We offer a comprehensive know-how and a powerful service.

## STRAIGHTENING AND BENDING MACHINES FROM KUNKEL

Kunkel machines are suitable for manufacturing as well as industrial production. Our straightening and bending machines cause only negligible follow-up costs. All Kunkel tool holders are also suitable for self-made or existing tools / convertible. Another plus is the ease of use - every worker in your company can operate these machines. We offer machines for every budget. You have the choice – from cam control to fully automatic PC control. Upgrading and the trade-in of old Kunkel machines is possible.

## WE OFFER COMPLETE SOLUTIONS - ACCORDING TO YOUR WISHES!



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