

Kunkel **rk**

Rudolf Kunkel Maschinenbau GmbH

ENGINEERING
FOR MANUFACTURING

INNOVATIVE AND
FUTURE-ORIENTED

rk

 **QUALITY**
made in Germany

DZ 500
**PRESS FOR STRAIGHTENING
AND CAMBERING OF STEEL PROFILES**

www.kunkel-maschinenbau.de

DZ 500

HEAVY-DUTY PRESS

The heavy-duty DZ 500 press by Kunkel is a straightening press for straightening and cambering of steel profiles. It is capable of reaching a pressure force of up to 500 tons and is equipped with a 75kW motor. For this press our engineers focused on achieving a most efficient straightening process resulting in the design of two oppositely positioned cylinders. Turning of the workpiece, typically required with other designs, thus becomes redundant. Our know-how – your advantage

The DZ 500 straightening machine is particularly suitable for industrial applications engaged in serial production in a rather homogenous product area.

Bending capacity available upon request. Straightening 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.



Rudolf Kunkel Maschinenbau GmbH

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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