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## Portable Rolling Mill **WRX 50**



# SakoMET WRX50



The smallest portable rolling mill offered by SakoMET. It was designed with fitters who perform work on-site at their customers' facilities in mind. Its low weight (26 kg) and small dimensions ensure problem-free transport. The rolling mill can be driven via drive or manual crank. The rolling mill's standard equipment includes hardened bending rolls for rectangular profiles. It is also possible to order rolls for rolling pipes made from hardened steel or plastics. To ensure reliable operation of the machine – rolls, shafts and the gear transmission have been hardened.



## STANDARD EQUIPMENT OF SAKOMET WRX50 ROLLING MILL:

<b>Machine</b>	<p><b>an openwork design</b> results in a low weight of 26kg as well as transparency of the rolling process</p> <p><b>simple design:</b> the machine has a very simple design, ensuring easy maintenance and replacement of parts</p> <p><b>hardened elements for drive and load transmission:</b> gear transmission, bending rolls and the shaft of the active bending roll have been heat-treated to over 50HRC, which ensures that the machine is capable of operating for a long time without failure. The shafts of the bottom bending rolls are made from a hardened rod.</p>
<b>Drive</b>	Motor power 0.35 kW, 1350 rpm, noise level 70 db
<b>Pressing method</b>	<b>hydraulic actuator:</b> pressing by the top roll and bending of the profile is effected by pumping of the hydraulic actuator
<b>Bending rolls</b>	<b>simple rolls:</b> the machine's standard equipment includes simple bending rolls for rolling structural profiles. The machine can be equipped with rolls for rolling pipes and rods (see: optional equipment)
<b>Safety</b>	<p><b>CE mark:</b> The machine is compliant with basic occupational health and safety conditions specified in EU Machinery Directive 2006/42/EC</p> <p><b>a guard of the gear transmission</b> ensures safe work of the operator with the machine</p>
<b>Transport of the machine</b>	<b>26kg</b> weight of the machine allows for problem-free movement of the rolling mill by hand

## OPTIONAL EQUIPMENT:

**Bending rolls** Bending rolls for rolling PA6 polyamide or 42CrM steel pipes with diameters up to Ø50



## Main advantages :

- **Light modular construction**
- **Mobility**
- **Hydraulic actuator**
- **Low Noise Level – 70 dB**
- **Easy handling and maintenance**
- **High esthetic level**
- **Quality warranty**
- **Negligible failure rate**

**NET PRICE OF MACHINE 1250.- EUR**

**TECHNICAL SPECIFICATIONS OF ROLLING MILL:**

<b>Weight ( moto reducer) [kg]</b>	Kg	26(32)
<b>Rated voltage</b>	V	230
<b>Motor rotational speed</b>	rpm	1350
<b>Rotational speed of bending rolls</b>	rpm	24
<b>Pressing force</b>	Kg	2000
<b>Overall dimensions:</b>		
- length	mm	707
- height	mm	486
- width	mm	217
<b>Noise level</b>	dB	70 dB - drive
<b>Motor power</b>	kW	0.35
<b>Gear transmission:</b>		
- efficiency	-	0.98
- gear ratio	-	2:1
<b>Maximum dimension of rolled profile</b>	50 x 50 x 2 / Ø50 x 1.5 [mm]	

**COMMERCIAL TERMS:**

<b>Country of origin</b>	This machine is manufactured at Z. P. H. SakoMET Kazimierz Sakowicz in Poland.
<b>Time of delivery</b>	Depending on the size order. Approx. 2 weeks
<b>Prices</b>	All prices are net prices given in EUR
<b>Payment</b>	50% 2 workdays from placing an order 50% 5 workdays from reception of machinery
<b>Guarantee</b>	We grant a 12-month guarantee on this machine. The guarantee begins running when the customer receives the machine
<b>Fast-wearing parts</b>	With respect to WRX rolling mills, bending rolls are fast-wearing parts
<b>Validity of offer</b>	The presented offer and the prices given therein are valid for 1 month after the date of its submission
<b>Technical changes</b>	SakoMET reserves the right to introduce technical changes intended to improve the machine as well as technical changes resulting from technical progress
<b>Additional arrangements</b>	Oral arrangements are not binding. Only arrangements documented and confirmed in writing are binding
<b>CE</b>	Through the EU declaration of compliance and CE mark, we confirm that the machine meets basic safety requirements in terms of its concept and design