

# 42-0900 / 42-0920 JAW CRUSHER

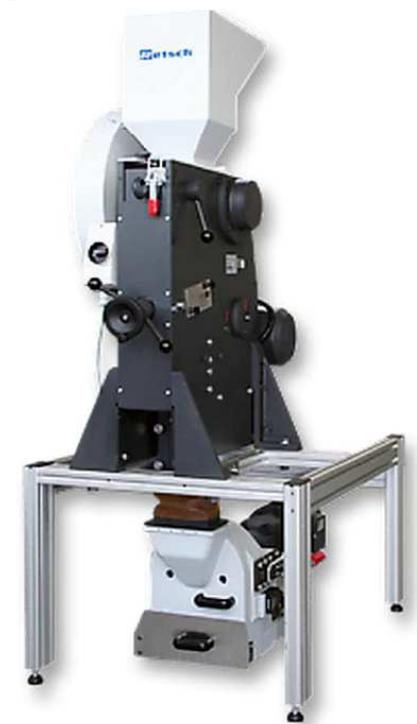
is a robust and powerful forced-feed jaw crusher. The feed material passes through the norebound hopper and enters the crushing chamber. Size reduction takes place in the wedged-shaped area between the fixed crushing arm and one moved by an eccentric drive shaft. The elliptical motion crushes the sample which then falls under gravity. As soon as the sample is smaller than the discharge gap width, it falls into a removable collector within the jaw crusher. The continuous gap width setting with scale ensures optimum size reduction in accordance with the set gap width.

## TECHNICAL DATA

<b>Applications</b>	coarse and pre-crushing
<b>Field of application</b>	chemistry / plastics, construction materials, engineering / electronics, environment / recycling, geology / metallurgy, glass / ceramics
<b>Feed material</b>	medium-hard, hard, brittle, tough
<b>Size reduction principle</b>	pressure
<b>Material feed size*</b>	< 50 mm
<b>Final fineness*</b>	< 4 mm
<b>Throughput*</b>	200 kg/h
<b>Material of grinding tools</b>	manganese steel, stainless steel, tungsten carbide, steel 1.1750 (for heavy-metal free grinding)
<b>Jaw width</b>	60 x 60 mm
<b>Gap width setting</b>	0 - 20 mm
<b>Gap width display</b>	scale
<b>Zero point adjustment</b>	yes
<b>Hinged hopper</b>	yes
<b>Dust extraction unit</b>	yes
<b>Central lubrication</b>	no
<b>Process line version</b>	no
<b>Collector capacity</b>	2 l
<b>Drive</b>	1-phase motor / 3-phase motor
<b>Drive power</b>	0.75 kW
<b>Electrical supply data</b>	different voltages
<b>Power connection</b>	1-phase / 3-phase
<b>Protection code</b>	IP 54
<b>W x H x D closed</b>	320 x 960 x 800 mm
<b>Net weight</b>	~ 137 kg
<b>Standards</b>	CE



Jaw Crusher 42-0900 is the smallest floor model of the series. It accepts feed sizes up to 50 mm. The gap width can be set stepless from 0-20 mm. Depending on the sample material, particle sizes down to 4 mm can be obtained, resulting in a crushing ratio of 12.5.



The Jaw Crusher 42-0920 is a floor model designed for a throughput of up to 300 kg/h, suitable for many typical crushing tasks. It accepts feed sizes up to 90 mm. The gap width can be set stepless from 0-30 mm. Depending on the sample material, particle sizes down to 2 mm can be obtained, resulting in a crushing ratio of 45. Its versatile usage includes continuous pre-and fine crushing in one step or process-line versions.

**Material feed size\*** < 90 mm / **Final fineness\*** < 2 mm  
**Throughput\*** 300 kg/h  
**Jaw width** 90 x 90 mm  
**Gap width setting** 0 - 30 mm  
**Collector capacity** 5 l  
**Drive power** 1.5 kW  
**x H x D closed** 450 x 1160 x 900 mm **Net weight** ~ 300 kg

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