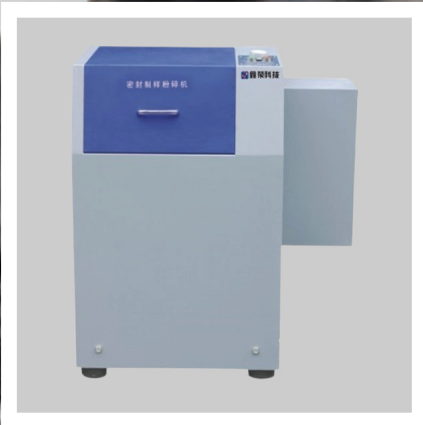


# COAL PREPARATION EQUIPMENTS



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# Sealed Sample Pulverizer



**TSL-1/100**

**Usage:** Metal and non-metal mineral materials can be crushed by this facility and the crushed sample can be directly used for analysis.

Model	Sample Loader Qty.	Load Capacity (g)	Sample Supply Size (mm)	Produced Sample Size (μm)	Working Period (min)	Control	Weight (kg)	Dimension (mm)	Motor Power	Power Supply
TSL-1/100A TSL-1/100B	1	150	≤20	75~180	<2	auto	180	500×500×730	1.1KW	3-Phase 380V
TSL-2/100A TSL-2/100B	2	2×150	≤20	75~180	<2	auto	190	500×500×730	1.5KW	3-Phase 380V
TSL-3/100A TSL-3/100B	3	3×150	≤20	75~180	<3	auto	200	500×500×730	1.5KW	3-Phase 380V

# Synthesized Sampler for Coal

**Usage:** Fit for the samples with high moisture content; it has the dual function of crush and sample reduction.

## Specifications:

Raw Sample Size	: ≤150 mm
First Produced Sample Size	: <13 - <6mm (All moisture coal sample, its adjustable)
Second Produced Sample Size	: <3-1 mm (Coal sample for the experiment room)
First Reduction Ratio	: 1/2 – 1/8 (Adjustable)
Second Reduction Ratio	: 1/4
Total Reduction Ratio	: 1/8 – 1/32 (Adjustable)
Productivity	: 1800-1200 kg/h
Power	: 8.25 kW
Weight	: 1100 kg
Dimensions	: 4000×880×1950 mm (XR-1800A), : 3000×720×2250 mm (TSL-2000A)



**TSL-1800A**

# Sealed Hammer Crusher (With Splitting/Reduction Facility)



**TSL-250x360B**

**Usage:** It is mainly used for coal, power, metallurgical, manufacturing, environmental, geological, scientific research departments.

Model	TSL-250×360B	TSL-180×150B
Supplied Sample Size	≤150mm	≤50mm
Produced Sample Size	<13 <6 <3mm (Adjustable)	<6 <3 <1mm (Adjustable)
Reduction Ratio	1/2、1/4、1/8 (Adjustable)	1/8
Productivity	1800-1200kg/h	600-300kg/h
Weight	480kg	260kg
Dimension	1100×800×1450mm	770×650×1350mm
Motor Power	4kw、0.75kw	1.5kw、0.75kw
Power Supply	3-phase 380V	

# Sealed Hammer Crusher (Without Splitting/Reduction Facility)



**TSL-250x360A**

**Usage:** It is mainly used for coal, power, metallurgical, manufacturing, environmental, geological, scientific research departments.

Model	TSL-250x360A	TSL-180x150A
Supplied Sample Size	≤150mm	≤50mm
Produced Sample Size	<13 <6 <3mm (adjustable)	<6 <3 <1mm (adjustable)
Productivity	1800-1200kg/h	600-300kg/h
Weight	400kg	200kg
Dimension	910x1000x1360mm	700x580x1130mm
Motor Power	Y112M-4/4KW	Y90L-4/1.5KW
Power Supply	3-Phase 380V	

# Jaw Crusher

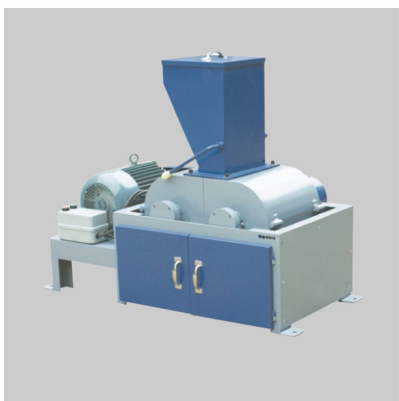
**Usage:** It is mainly used by coal, power, metallurgical, manufacturing, environmental, geological, scientific research departments for the sample preparation of coal.

Model	TSL-100x60	TSL -150x125	TSL -150x250	TSL -250x400
Sample Supplying Hole (mm)	100x60	150x125	150x250	250x400
Supplied Sample Size (mm)	<60	<100	<125	<210
Produced Sample Size (mm)	≤ 3—13 Adjustable	≤ 6-38 Adjustable	≤ 10—40 Adjustable	≤ 20—60 Adjustable
Productivity (kg/h)	200-500	500-2000	1000-3000	5-20(t/h)
Weight (kg)	120	580	1000	3000
Motor Power	1.5kw	4kw	7.5kw	15kw
Power Supply	3-phase 380V			



**TSL-100x60**

# Sealed Wet Coal Crusher



**TSL-2007SP**

**Usage:** For crushing wet moisture coal sample without the needing to dry the sample first. Easy to operate, step crushing method ensure the precise particle size.

## Specifications:

Supplied Sample Size	: ≤80mm
Produced Sample Size	: <13 - 6mm (adjustable)
Productivity	: 2000 -1200kg/h
Motor Power	: 4 kW
Power Supply	: 3-phase, 380 V
Weight	: 300 kg
Dimensions	: 1100 x 620 x 1100 mm

# Twin-Roll Crusher



TSL-200 x 75

**Usage:** Twin-Roll Crusher is used to rolling crush. It is applicable to the middle crushing of a medium hard material.

### Specifications:

Supplied Sample Size	: ≤13mm
Produced Sample Size	: <3mm -1mm (XR-200×75, adjustable)
	: ≤3-0.5mm (FTC-200×75, adjustable)
Productivity	: 200 kg/h
Motor Power	: 1.5 kW
Power Supply	: 3-phase 380 V
Weight	: 230 kg
Dimensions	: 640 x 455 x 875 mm

# Sieve Shaker

**Usage:** It is mainly used for sieving analysis by the coal, power, metallurgy, building materials, chemical, geological and other industrial departments.

### Specifications:

Diameter of matching screen	: 200mm
Rocking frequency	: 221min <sup>-1</sup>
Vibrating frequency	: 147min <sup>-1</sup>
Radius of gyration	: 12.5mm
Amplitude	: 5mm
Motor	: 0.37kw
Working Power	: Three-Phase 380V
Weight	: 120kg
Dimensions	: 550×380×730mm



TSL 200

# Sample Divider

# Grindability Testing Machine (HGI Tester)



TSL-88

### Specifications:

Sample Size	: <13mm
Dividing Ratio	: 1/4 or 1/8
Productivity	: 500kg/h
Motor Power	: 180W
Power Supply	: 22V
Weight	: 80kg
Dimension	: 700×500×800



### Specifications:

Rotation Speed	: 20±1r/min
Working Rotation	: 60±0.25r
Loaded Force	: 284±2N
Motor Power	: 90W
Motor Speed	: 1400r/min
Power Supply	: 3-phase 380V
Weight	: 64.5kg
Dimension	: 365×425×443 mm

# TSL