

Your Laboratory Solutions for Mining Equipment

**Coal
Nickel
Gold
Stones
Iron Ore
Etc.**

5" X 8" JAW CRUSHER

POWER SOURCE:
Electric Motor, 3 Phase
2 HP/1.5 KW 220-240 V
50 Hz, 4 Pole

Jaw Size: 2 pieces
Made of hardened iron steel

CAPACITY:
Max. 1.00 Kg (max)
Manual, 1000 rpm setting
1.00 min

DIMENSIONS (L x W x H):
15 x 10 x 12 cm

LAB-TYPE JAW CRUSHER

POWER SOURCE:
Electric Motor, 3 Phase
2 HP/1.5 KW 220-240 V
50 Hz, 4 Pole

Jaw Size: 2 pieces
Made of hardened iron steel
22 Cm length, 7.5 Cm depth,
& 1.2 Cm thick

CAPACITY:
Max. 500 Kg (max)
Manual or automatic
5, 10, 15, 20

DIMENSIONS (L x W x H):
15 x 10 x 12 cm

SINGLE ROLL CRUSHER

SPECIFICATION:
Electric Motor 3 Phase 1 HP
220-240 VAC
50 Hz 4 Pole
Dentification roll and plate
Product size up to 2.5 -
Dimensions: 130 x 70 x 100 mm

4" X 2" JAW CRUSHER

DOUBLE

NAKATAMA SCIENTIFIC
ISO 9001:2015

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CAT Soil Aggregate
ALO Cement Concrete
GUP Asphalt General

CC. NAKATAMA SCIENTIFIC
Mining Testing Equipment Manufacturer

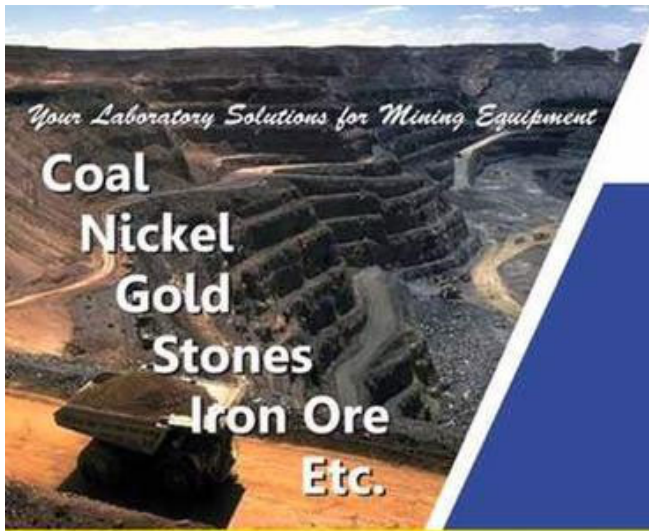
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S. GEMARJAYA

NAKATAMA SCIENTIFIC
Your Laboratory Solutions

CONSTRUCTION MATERIALS TESTING EQUIPMENT

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5" X 8" JAW CRUSHER



POWER SOURCE:
 Electromotor, 3 Phases
 5,5 HP/4 KW, 220 - 380 V
 50 Hz, 4 Pole
 Jaw Face: 2 pieces
 made of hardened iron steel
CAPACITY:
 Max. 1.000 Kg /Hour
 Minimal close side setting:
 1/16 inches
DIMENSIONS (l x w x h) >
 70 x 60 x 120 Cm

4" X 2" JAW CRUSHER



POWER SOURCE:
 Electromotor, 3 Phases
 1 HP/0,75 KW
CAPACITY:
 Max. 100 Kg. /Hour
 depend on sample
 & setting
DIMENSIONS (l x w x h) >
 85 x 45 x 75 Cm

LAB-TYPE JAW CRUSHER



POWER SOURCE:
 Electromotor, 3 Phases
 2 HP/1,5 KW, 220 - 380 V
 50 Hz, 4 Pole
 Jaw Face: 2 pieces
 made of hardened iron steel
 22 Cm length, 7,5 Cm depth
 & 1,2 Cm thick
CAPACITY:
 Max. 100 Kg. /Hour
 depend on sample
 & setting
DIMENSIONS (l x w x h) >
 85 x 45 x 75 Cm

DOUBLE ROLL CRUSHER



POWER SOURCE:
 Geared motor, 3 Phases
 4 HP/3 KW, 220 - 380 V
 50 Hz, 4 Pole
 output 260 Rpm
 Rolls: 10" Diameter
 6" Length
 Feed sample 30 Mm
 Product size:
 0,5 - 20 Mesh
DIMENSIONS (l x w x h) >
 170 x 80 x 142 Cm

SINGLE ROLL CRUSHER



SPESIFICATION :
 - Electromotor 3 Phases 3 HP / 2,2 KW
 - 220 - 380 VAC
 - 50 Hz 4 Pole
 - Dentaculated roll and phases of hardener steel
 - Product size up to 2,5 - 1,5 cm
 - Dimension : 130 x 70 x 130 cm

RAYMOND MILL



POWER SOURCE:
 Electromotor, 3 Phases
 2 HP/1,5 KW, 220 - 380 V
 50 Hz, 2 Pole
 Hammer Mill:
 8 pieces made of
 special grade steel
 Mill Rotages: 7.000 Rpm
 Screen: 0,58 Perforation
 CAPACITY: 4 litres
DIMENSIONS (l x w x h) >
 106 x 46 x 68 Cm

BALL/ROD MILL MACHINE



POWER SOURCE:

Gear motor,
3 Phases 5,5 HP
Weight: 1.200 Kg.
Grinding element:
600 Kg.
Operation speed:
300 RPM
Capacity:
500 Kg./Hour

DIMENSIONS

(l x w x h) >
2,5 x 1,8 x 1,2 Mtrs.
Diameter Cylinder:
600 mm,
900 mm long.

DISC PULVERIZER



POWER SOURCE:

Electromotor, 3 Phases
3 HP/2,2 KW, 220 - 380 V
50 Hz, 4 Pole

Disc: Rotary Disc and
Stationary Disc,
20 Cm diameter, 4 Cm thick

CAPACITY:

10 to 50 Kg/Hour
depend on sample
and gap setting

DIMENSIONS (l x w x h) >
75 x 75 x 100 Cm

LAB PULVERIZER (PNEUMATIC)

POWER SOURCE:

Electromotor, 3 Phases
3 HP/4 KW, 220 - 380 V,
50 Hz, 4 Pole - Vertical

GRINDING HEAD:

Manganese Steel
Types: C.2000,
C.1000 & C.800

DIMENSIONS (l x w x h) >
100 x 69 x 130 Cm

This machine must be
provide with Mill Mate
(CL302.01)
and completed by
Air Compressor unit



LAB PULVERIZER (MANUAL)

SPEIFICATION :

Electromotor 3 Phases
3 HP / 4 KW 220 – 380 VAC 50 Hz
4 Pole Vertical
Manganese steel grinding head
Complete with mill mate

Dimension :

100 x 60 x 130 cm



SUPER CRUNCH



POWER SOURCE:

Electromotor, 3 Phases
5,5 HP/4 KW, 220 - 380 V
50 Hz, 4 Pole

Disc:
Rotary Disc and
Stationary Disc.

CAPACITY:

Up to 2 Kg/Minute
to 50 Micron &
Finer

DIMENSIONS

(l x w x h) >
121 x 110 x 102 Cm

HAMMER MILL



POWER SOURCE:

Electromotor, 3 Phases
3 HP/ 2,2 KW, 220 - 380 V
50 Hz, 4 Pole

Power blade: 2 pieces,
made of hardened
special steel

Screen:

6 Mm perforation,
5 Mm thick
Zigzag feeder,
dust collector bin
completed

(l x w x h) >
122 x 51 x 155 Cm

DRYING OVEN

BLOWER MOTOR: 2 HP/1,5 KW, 220 - 380 V, 50 Hz
Heater element: 7.500 / 15.000 Watts.
Max. Temperature: 70°C / 120°C - adjustable
42 sample pans (55 x 55 x 3 cm) aluminium
Double wall contain glass wool, 3 trolley completed

DIMENSION (l x w x h) > 250 x 130 x 225 Cm



DRYING SHEED

BLOWER MOTOR:

1 HP/0,75 KW
single phase, 220 V
Obtain 40° C constant
use single element heaters
of 2.500 Watts
Obtain 120° C constant
use double element heaters
of 2.500 Watts
Provided with 1 unit
automatic control, include
8 aluminium rack pans

Double wall contain glass wool,
completed with 4 iron wheels.
For easy moving

DIMENSIONS (l x w x h) >
120 x 110 x 220 Cm



V TYPE MIXER



POWER SOURCE:
Geared motor,
3 Phase 2 HP
Speed 20 RPM
Capacity 500 Kg

DIMENSIONS (l x w x h) >
150 x 100 x 120 Cm

DUST COLLECTOR



Turbo Van 220-380 VAC, 5,5 HP
25 Bag House capacity.

SHAKING TABLE

For separation of mineral mixture with grain sizes ranging from 0.006 to 0.5mm. Capacity 150 to 400 kg / hour weight 110 kg. Spring cushioned oscillation of the table plate by inertia for drive. Pitch and banking turn of the table adjustable. Linoleum covering with milled - in grooves. Operating speed n=450 1/min drive via installed electric motor



CUTTING MACHINE



POWER SOURCE:
Electromotor, 3 Phases
2 HP/1,5 KW, 220 - 380 V
50 Hz, 2 Pole

Saw Blade:
14" Diameter, 1" Bore

Completed with foot pedal
and the controller

DIMENSIONS (l x w x h) >
90 x 40 x 120 Cm

Cutting head is spring
loaded for easy sawing

THIN SECTION



POWER SOURCE:
Electromotor, 1 Phase
0,75 HP/ 0,5 KW
110 - 220 V, 50 Hz, 2 Pole

Saw Blade:
8" diameter and 8" diameter
diamond grinder

Aluminium body with
double eye shield

DIMENSIONS (l x w x h) >
65 x 38 x 38 Cm

HARDGROVE GRINDABILITY



POWER SOURCE:
Electromotor, 3 Phases
0,5 HP/0,4 KW, 220 - 380 V
50 Hz, 4 Pole, output 20 Rpm

Ball Grinder: 8 Pieces
steel ball 1" diameter

Completed with digital preset
counter & 3 optional loader

DIMENSIONS (l x w x h) >
65 x 50 x 50 Cm

GRINDING MILL

POWER SOURCE:
Electromotor, 3 Phase, 1 HP
Speed: 140 RPM

DIMENSIONS (l x w x h) >
80 x 40 x 30 Cm
with 4 inch diameter
Manganese Steel Disc.



CONCENTRATING MACHINE



POWER SOURCE:
Electromotor, 0,75 HP
AC 220 V, Speed 1.420 RPM
Capacity 500 Kg/hour
Weight: 500 Kg.

DIMENSIONS (l x w x h) >
2,3 x 1,4 x 1,6 Mtrs.

PRESS PELET UP

SPEIFICATION :

Maximum pressure : TP 40/2 d - 400 kN
Maximum piston stroke : approx. 40 mm
Cap. 40 ton 1 Hp, 220V AC
Digital pressure Control
Dimension : 70 x 50 x 140 cm



BOTTLE ROLLER

Motor 1.5 Hp, 220V AC, 1 Phase
15 RPM
Capacity : 12 Bottle x 5 litre.
Can be modified
to accommodate
8-12 bottle



8" STAINLESS-STEEL SIEVE



SAMPLE SPLITTER



For dividing dry material such
as gravel, sand, mine, and " "
general laboratory purpose.
"Stainless steel,
chute width 1/2" - 3 inch, 8-12 holes."
Supplied complete with pans.

5" X 8" JAW FACE



SCOOP JIS D



Stainless Steel Laboratorium
Scoop :
1,3,5,10,15,20,30,40,
50,70,100,125,150

SWING AND FIX PLATE PASCAL JAW CRUSHER 5" X 8"

Material >
- Hardened Special Grade
Iron Steel
- Manganese Steel

DIMENSIONS (l x w x h) >
SWING: 340 x 205 x 51 Mm.
FIX: 371 x 200 x 41 Mm.

DISC PULVERIZER



**ROTARY AND STATIONARY PLATE
SUPER CRUNCH**

Material >
Cast Iron Steel

DIMENSIONS >
300 mm diameter
47 Mm thick

GRINDING HEAD SET

**THE SAMPLE BOWL
OF LABORATORY
PULVERIZER MACHINE**

Material >
Manganese Steel
Maximal sample size >
10 - 20 Mm dia.

CAPACITY >
C. 2000 = 2 Kg.
C. 1000 = 1 Kg.
C. 800 = 0.8 Kg.

Types >
GD.302.02, GD.302.03
GD.302.04



↑ DISC ↑ BOWL ↑ LID/COVER



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5" X 8" JAW CRUSHER

POWER SOURCE
Electromotor 3 Phases
3 HP/2.2 KW 220 - 380 V
50 Hz, 4 Pole



Jaw Face 2 pieces
made of hardened steel

CAPACITY
Max 1,000 kg / Hour
depending on setting
1.20 inches

DIMENSIONS (L x W x H)
51 x 81 x 107 cm

4" X 2" JAW CRUSHER

POWER SOURCE
Electromotor 1 Phase
1 HP/0.75 KW



CAPACITY
Max 100 kg / Hour
depend on sample
to setting

DIMENSIONS (L x W x H)
31 x 41 x 71 cm

LAB-TYPE JAW CRUSHER

POWER SOURCE
Electromotor 3 Phases
2 HP/1.5 KW 220 - 380 V
50 Hz, 4 Pole



Jaw Face 2 pieces
made of hardened steel
22 Cm length, 2.5 Cm depth
8 x 2 Cm thick

CAPACITY
Max 200 kg / Hour
depend on sample
to setting

DIMENSIONS (L x W x H)
81 x 81 x 75 cm

DOUBLE ROLL CRUSHER

POWER SOURCE
Crowned motor 3 Phases
4 HP/3 KW 220 - 380 V
50 Hz, 4 Pole



Roller 10" Diameter
6" length

Feed sample 10 mm

Product size
0.5 - 20 Mesh

DIMENSIONS (L x W x H)
170 x 100 x 142 cm

SINGLE ROLL CRUSHER

SPECIFICATION
- Electromotor 3 Phases 3 HP / 2.2 KW
- 220 - 380 VAC
- 50 Hz 4 Pole
- Dents/curved roll and plates of hardened steel
- Product Size up to 2.5 - 15 mm
- Dimension: 130 x 70 x 120 cm



RAYMOND MILL

POWER SOURCE
Electromotor 3 Phases
1 HP/0.75 KW 220 - 380 V
50 Hz, 4 Pole



Internal Roll
8 pieces made of
special grade steel

Roll length: 1.000 mm
Roller: 2.500 mm diameter
Capacity: 0.500 m³

DIMENSIONS (L x W x H)
100 x 60 x 100 cm

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