



Choosing your Ball Mill Equipment

NIDEC-SHIMPO has several Ball Milling Equipment option to suit all your needs.

Ball Mill Models: PTA-01 | PTA-02 | Ball Mill
Rack Attachment | Jigger Arm Attachment



BALL-MILL

BALL MILL RACK ATTACHMENT

The **BALL MILL RACK ATTACHMENT** attaches to most **NIDEC-SHIMPO** wheels when used with a 12" wheel-head. This *SPACE-**SAVING*** rack will allow for variable speed milling. The rack accommodates jars from 3" - 1/2" to 9" diameter up to 10" long. Made of *HEAVY-DUTY* cast iron, the unique folding feature lets you use your **NIDEC-SHIMPO** wheel for throwing without detaching the rack.

Features

- › Heavy-duty milling; precise milling with variable speed
- › Compact design; space-saving/folding design lets you use your wheel for throwing without detaching the rack
- › Model construction; heavy-duty cast iron
- › Heavy-duty cast iron construction
- › Wheel Attachment fits on most **NIDEC-SHIMPO** wheels with a 12" wheel-head

JIGGER ARM ATTACHMENT

The **JIGGER ARM ATTACHMENT** is made of *HEAVY-DUTY* cast iron, this *ADJUSTABLE* arm assists you in producing jiggered pieces up to 7" - 1/2" high and 11" in diameter and attaches to most **NIDEC-SHIMPO** wheels.

Features

- › Adjustable arm assists you in producing jiggered pieces up to 7-1/2" high and 11" in diameter
- › Heavy-duty cast iron construction
- › Wheel Attachment fits on most **NIDEC-SHIMPO** wheels with a 12" wheel-head



JIG-ARM



— BM-PTA-01



BM-PTA-02

Ball Mill Porcelain
Jars and Balls

PTA-01 BALL MILL, PTA-02 BALL MILL

Ball mills have been used for decades to mill materials used in the ceramics industry. NIDEC-SHIMPO's *HEAVY-DUTY* ball milling machines enable very precise milling in porcelain jars, even for relatively tough materials, wet or dry. **NIDEC-SHIMPO BALL MILLS** have a compact design that are constructed using powder-coated steel for long lasting durability. The **PTA-01** accommodates one jar and the **PTA-02** can handle two jars. Easy adjustments can be made to the sturdy roller bars to accommodate jars from 1-liter to 10-liters. Each milling machine comes standard with a breaker switch.

Motor	PTA-01 - 115V (60Hz) 180W, PTA-02 - 115V (60Hz) 180W
Dimensions	PTA-01 - 21" x 17" x 14", PTA-02 - 38" x 17" x 14"
Ship Weight	PTA-01 - 110 lbs, PTA-02 - 120 lbs

BALL MILL PORCELAIN JARS

Ball mill porcelain jars fit on the **PTA-01, PTA-02, BALL MILL RACK ATTACHMENT**.

1-Liter Jar Dimensions	Includes about 40 balls ranging from ½" - 1" in diameter (Mixed) 5 ¾" D x 8 ⅞" H
2-Liter Jar Dimensions	Includes about 60 balls ranging from ¾" - 1 ¼" in diameter (Mixed) 7" D x 9 ½" H
3-Liter Jar Dimensions	Includes about 40 balls ranging from 1" - 1 ¼" in diameter (Mixed) 8" D x 11" H
5-Liter Jar Dimensions	Includes about 60 balls ranging from 1" - 1 ¼" in diameter (Mixed) 9 ½" D x 12 ½" H
10-Liter Jar Dimensions	Includes 120 balls ranging from 1" - 1 ¼" in diameter (Mixed) 12" D x 14" H