

# 1 x Metso SAG Mill & Siemens Motor For Sale/Re-Assignment

## Mill Details

<b>Type of Mill</b>	Metso SAG Mill
<b>Mill Dimensions</b>	11,582 mm x 7,759 mm (38' x 26') (D x L)
<b>Default Mill Speed</b>	7.5-8.0 RPM
<b>Mill Speed</b>	7.56-10.08 RPM
<b>Liners</b>	Excluded
<b>Mill Drive Motor Type</b>	Wrap Around (included)
<b>Mill Drive Motor Size</b>	19,400 KW (26,016 hp)
<b>Variable Speed Drive</b>	Yes
<b>Max. Volumetric Load</b>	35%

### **Key Components included:**

Mill, Complete Lubrication System, Feed Chute, Trommel Screen, Braking System, Mill Jacking Cradles, Specialty Tools, Spare Parts, Export Packaging, Sound Monitor, Training

<b>Planned Availability</b>	Immediate
<b>Storage Location</b>	Various (Netherlands, Canada)

## Motor & Drive Details

<b>Mill Drive Motor Manufacturer</b>	Siemens
<b>Operating Frequency</b>	50/60 Hz – TBD by new client *
<b>Enclosure Type</b>	TEFC
<b>Motor Type</b>	Squirrel Cage
<b># of Poles</b>	88
<b>Preferred Synchronous Speed</b>	1800 RPM
<b>Designed for ambient environment</b>	135 meters (442 ft) above sea level
<b>Usual Condition</b>	Wet, Ore Dust
<b>Inching Capability</b>	Yes

\*Note: (Motor manufactured without E-House and Transformers in order to allow future owner to define 50 or 60Hz operating frequency)

**Key Components included:** SAG Mill Synchronous Motor, Water Coolers, Plant Power Factor & Harmonic Study & Report, Motor/Stator Stiffness Analysis & Report, Harmonic Filters, Commissioning & Operating Spares, Assistance during Installation and Commissioning, Training

**Excluded:** Drive E-House and Power Transformers.

<b>Planned Availability</b>	Immediate
<b>Storage Location</b>	Hamburg, Germany
<b>Asking Price:</b>	Included with Mills

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## 2 x Metso Ball Mills & 4 x GE Motors For Sale/Re-Assignment

### Mill Details (2 x Ball Mills & 4 x GE Motors,

<b>Type of Mill</b>	Metso Ball Mill
<b>Mill Dimensions</b>	6,706 mm x 11,125 mm (22' x 36.5') (D x L)
<b>Mill Speed</b>	12.44 RPM
<b>Liners</b>	Excluded
<b>Mill Drive Motor Type</b>	Dual Pinion Synchronous (2 Motors per Mill)
<b>Mill Drive Motor Size</b>	2 x 4,650 kW min = 9,300kW per mill
<b>Variable Speed Drive</b>	No
<b>Max. Volumetric Load</b>	45%

#### **Key Components included:**

Complete Mill, Hydraulic Jacking System, Lubrication System, Gear Spray System, Inching Drive, Specialty Tools, Spare Parts, Export Packaging - Excludes Trommels, Liners.

<b>Planned Availability</b>	Immediate
<b>Planned Storage Location</b>	Various (Netherlands, Canada, South Africa)

### Motor & Drive Details

<b>Mill Drive Motor Manufacturer</b>	GE
<b>Operating Frequency</b>	0 Hz
<b>Enclosure Type</b>	Updraft Self-Ventilated – Weather Protected
<b>Motor Type</b>	Synchronous
<b>Preferred Speed</b>	200 RPM
<b>Designed for ambient environment</b>	135 meters (442 ft) a.s.l. - outdoor
<b>Usual Condition</b>	Wet, Ore Dust

**Key Components included:** Dual Pinion Synchronous Motors, Quadramatic Control Panel, Exciter Panel, Relevant Spares, Manuals, Exported Packaged, LCI Drivers, Transformers, necessary controls.

<b>Planned Availability</b>	Immediately
<b>Planned Storage Location</b>	Canada
<b>Asking Price (sold as <u>set of 4 motors</u>)</b>	Included with Mills

**\*\*\*NOTE: 4 GE Motors matches 2 Metso Ball Mills.**

**The price is based on the simultaneous purchase of Mills and Motors. The separate sale of the Ball Mills and Motors is possible and subject to further negotiations.**

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