



# IsaMill™ installations



Company	Project	Country	No.	Model	Plant Supply	Date	Power kW	Current Duty	Media	Size
MIM	Lead/Zinc Concentrator IM03	Australia	1	M3000		1994	1120	Pb Regrind	Slag	-3+1
MRM	McArthur River Mine Mill 1-4	Australia	4	M3000		1995	1120	Rougher Cons	Sand	-4+1.4
Kemira		Finland	3	M1000		1995	355	Calcium Sulphate	Ceramic	
MIM	Lead/Zinc Concentrator IM04	Australia	1	M3000		1995	1120	Pb Regrind	Slag	-3+1
		Germany	1	M1000		1997	355	Iron Oxide		
MRM	McArthur River Mill 5	Australia	1	M3000		1998	1120	Rougher Cons	Sand	-4+1.4
MIM	Lead/Zinc Concentrator IM01-02	Australia	2	M3000		1999	1120	Pb Regrind	Slag	-3+1
MIM	Lead/Zinc Concentrator IM05-07	Australia	3	M3000		1999	1120	Zn Retreatment	Slag	-3+1
MIM	Lead/Zinc Concentrator IM08	Australia	1	M3000		1999	1120	Zn Regrind	Slag	-3+1
KCGM	Gidgi Roaster	Australia	1	M3000		2000	1120	Gold Pre-leach grind	Sand	-6+3
MRM	McArthur River Mill 6	Australia	1	M3000		2001	1120	Rougher Cons	Sand	-4+1.4
KCGM	Fimiston Mill 1	Australia	1	M3000		2001	1120	Gold Pre-leach grind	Sand	-6+3
Kemira	Sinjarru	Finland	3	M1000		2001	355	Calcium Sulphate	Ceramic	
Lomon	Siuchan	China	2	M1000		2002	355	Titanium	Ceramic	
Lonmin	EP-C Concentrator	South Africa	1	M3000		2002	1120	Pre-Cleaner Tail	Sand	
Anglo Platinum	Frank Pilot Plant	South Africa	1	M250		2003	132	Pt Ore and cons	various	3+1
Anglo Platinum	WLTRP	South Africa	1	M10,000		2003	2600	Pre Cleaner tail	Ceramic	2
Centerra Gold	Kumtor	Kyrgystan	1	M10,000	Plant	2005	2600	Gold Pre-leach Grind	Ceramic	2
Phelps Dodge	Morenci	USA	1	M10,000		2006	2600	Cu Pre-leach		
Anglo Platinum	PPL-C	South Africa	1	M10,000		2007	3000	Tertiary MIG	Ceramic	3.5
Anglo Platinum	PPL-A/B	South Africa	2	M10,000		2007	3000	Secondary/ Tertiary MIG	Ceramic	3.5
Anglo Platinum	Waterval UG2	South Africa	2	M10,000		2007	3000	Secondary MIG	Ceramic	3.5
OceanaGold	Reefton	New Zealand	1	M1000		2007	500	Gold Pre-leach Grind	Ceramic	5
Pan Australian	Phu Kham	Laos	1	M10,000		2007	3000	Cu Regrind	Ceramic	3.5
Blue Note Metals	Caribou	Canada	3	M1000		2007	500	Pb Regrind	Ceramic	2
CETCO	Magadan	Russia	1	M100		2007	75	Gold Pre-leach Grind	Ceramic	2 & 3.5
Korea Zinc	Ulsan	Korea	1	M1000		2008	315	Gold Pre-leach Grind	Ceramic	2
Oxiana	Prominent Hill	Australia	1	M10,000	Plant	2008	3000	Cu Con Regrind	Ceramic	3.5
Xstrata Zinc	McArthur River	Australia	2	M10,000		2008	3000	Secondary MIG	Ceramic	3.5
Anglo Platinum	Amandebult UG2#2	South Africa	1	M10,000		2008	3000	Tertiary MIG	Ceramic	3.5
Anglo Platinum	Amandebult UG2#2	South Africa	1	M3,000		2008	1500	Con Regrind	Ceramic	2

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Anglo Platinum	Amandebult Merensky Plant	South Africa	2	M10,000		2008	3000	Tertiary/Quaternary MIG	Ceramic	3.5
Anglo Platinum	Amandebult UG2#1	South Africa	1	M10,000		2008	3000	Secondary MIG	Ceramic	3.5
Anglo Platinum	Waterval Retrofit	South Africa	4	M10,000		2008	3000	Secondary MIG	Ceramic	3.5
Anglo Platinum	Waterval Retrofit	South Africa	1	M10,000		2008	3000	Con Regrind	Ceramic	2
Anglo Platinum	PPRust North	South Africa	4	M10,000		2008	3000	Secondary MIG	Ceramic	3.5
Anglo Platinum	PPRust North	South Africa	1	M10,000		2008	3000	Con Regrind	Ceramic	2
Anglo Platinum	BRPM	South Africa	1	M10,000		2008	3000	Tertiary MIG	Ceramic	3.5
Anglo Platinum	Frank Pilot Plant	South Africa	1	M100		2008	75	Con Regrind	Various	
Boynton Platinum	Pilansberg Platinum	South Africa	1	M3000		2008	1500	Secondary MIG	Ceramic	3.5
Minera Penasquito	Penasquito	Mexico	2	M10,000	Plant	2009	3000	Pb Con Regrind	Ceramic	3.5
Minera Penasquito	Penasquito	Mexico	2	M10,000	Plant	2009	3000	Zn Con Regrind	Ceramic	3.5
Dominicana Gold	Las Lagunas	Dominican Republic	1	M3000		2009	1500	Gold Pre-leach Grind	Ceramic	2.5
BHP Billiton	Leinster	Australia	1	M3000		2009	1120	Ni Con Regrind	Sand	2.5
Somincor	Neves Corvo	Portugal	1	M3000		2009	1500	Cu/Zn Con Regrind	Ceramic	2
TeckCominco	Red Dog	USA	2	M3000		2009	1500	Zn Con Regrind	Ceramic	3.5
Freeport McMoran	Climax	USA	2	M1000		2010	500	Mo Rghr Con Regrind	Ceramic	3.5
Freeport McMoran	Climax	USA	1	M1000		2010	500	Mo 1 <sup>st</sup> Clnr Regrind	Ceramic	3.5
Xstrata Nickel	Cosmos	Australia	1	M500		2009	220	Ni Con Regrind	Ceramic	3.5
Eldorado Gold	Efemcukuru	Turkey	1	M500		2010	200	Gold Pre-leach Grind	Ceramic	2
Somincor	Neves Corvo	Portugal	1	M1000		2010	500	Pb Con Regrind	Ceramic	2
Thompson Creek	Endako	Canada	2	M1000	Plant	2010	500	Mo Rghr Con Regrind	Ceramic	3.5
Thompson Creek	Endako	Canada	1	M1000	Plant	2010	500	Mo 1 <sup>st</sup> Clnr Regrind	Ceramic	2
Xstrata Copper	Antapaccay	Peru	2	M3000HF	Plant	2010	1500	Cu Con Regrind	Ceramic	3.5
Exportadora Aurifera	Andes Gold Mine	Ecuador	1	M100		2010	75	Gold Pre-leach Grind	Ceramic	2
Xstrata Copper	Ernest Henry	Australia	1	M10,000	Plant	2010	3000	Magnetite Regrind	Ceramic	5-6

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<b>Lonmin</b>	EP-C Concentrator	South Africa	1	M5000		2010	1500	Tailings Regrind	Ceramic	5
<b>Xstrata Copper</b>	Las Bambas	Peru	3	M3000HF	Plant	2011	1500	Cu Regrind	Ceramic	3.5 – 5
<b>Vale</b>	Clarabelle	Canada	1	M3000HF	Plant	2011	1500	Ni Regrind	Ceramic	5
<b>Sandfire Resources</b>	Degrussa	Australia	1	M5000		2011	1500	Cu Regrind	Ceramic	2 -3.5
<b>Thompson Creek Metals</b>	Mt Milligan	Canada	2	M10,000	Plant	2011	3000	Cu-Au Regrind	Ceramic	
<b>Conquest Mining</b>	Mt Carlton	Australia	2	M500		2011	200	Au-Ag-Cu Regrind	Ceramic	3.5
<b>Newcrest Mining</b>	Telfer	Australia	1	M5000	Plant	2011	1500	Pyrite Regrind	Ceramic	
<b>Anglo Platinum / Xstrata Alloys</b>	Mototolo	South Africa	1	M10,000		2011	3000	Secondary MIG	Ceramic	3.5
<b>Anglo Platinum</b>	Mortimer UG2	South Africa	1	M10,000		2011	3000	Secondary MIG	Ceramic	3.5
<b>Anglo Platinum</b>	Mortimer Merensky / Slag	South Africa	1	M10,000		2011	3000	Secondary MIG	Ceramic	3.5
<b>Anglo Platinum / African Rainbow Minerals</b>	Modikwa	South Africa	1	M10,000		2011	3000	Secondary MIG	Ceramic	3.5
<b>GeoProMining Gold LLC</b>	GPM Gold Project	Armenia	1	M3000	Plant	2011	1120	Gold Pre-leach grind	Ceramic	2.0
<b>AngloGold Ashanti</b>	Cripple Creek and Victor Gold Mine	USA	1	M3000	Plant	2011	1120	Gold Pre-leach grind	Ceramic	5.0
<b>Taseko Mines</b>	Gibraltar	Canada	1	M100		2011	75	Molybdenum regrind	Ceramic	2.5
<b>Teck Resources</b>	Highland Valley Copper	Canada	1	M1000		2011	500	Cu-Mo bulk regrind	Ceramic	3.5
<b>MMG</b>	Dugald River	Australia	2	M10,000	Plant	2011	3000	Zn & Pb Regrind	Ceramic	2.5
<b>Russian Copper Company</b>	Miheevsky	Russia	1	M10,000		2011	3000	Cu Regrind	Ceramic	2.0
<b>Hudbay</b>	Constancia	Peru	1	M10,000	Plant	2012	3000	Cu- Au Regrind	Ceramic	3.5
<b>TOTAL</b>			<b>108</b>				<b>180,462</b>			

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