



MSP to distribute Allmineral equipment

MSP Engineering (formerly known as McSweeney Partners) has acquired the Australian and New Zealand agencies for Allmineral Processing Equipment.



alljig and allflux at a German plant.

Mr McSweeney, managing director of MSP Engineering said that the Allmineral equipment is being marketed through a wholly owned subsidiary of the company known as MSP Process Solutions.

The latter subsidiary has appointed an experienced metallurgical engineer Marc Wellsted as general manager.

“Allmineral design and manufacture alljig, allflux, allair and gaustec high efficiency process equipment specifically designed for beneficiation of minerals susceptible to gravity and/or magnetic separation”, Mr McSweeney said.

“The alljig unit is ideal for beneficiating low grade iron ore deposits particularly hematite style ore deposits that we have here in Western Australia.”

The technology has already been installed and proven on large production scale at Kumba's Sishen Iron Ore Expansion Project in South Africa which has a rated capacity of over 4000 t/hr and where 24 alljig units are installed. Large scale production facilities utilising alljig technology are also currently under construction in India.

The allflux classifiers are the largest production units on iron ore beneficiation worldwide, with a number of smaller units already installed in Western Australia. The largest units can handle over 300tph of minus 2mm feed material on iron ore and allmineral is currently considering developing larger production units.

The gaustec WHIMS separator is the largest of its kind in the world with rated capacities exceeding 200 tph and a top size capability of up to 3mm feed material. The units have been developed in Brazil and have been extensively installed throughout Brazil in fines iron ore dressing facilities.

Mr McSweeney believes the application of one or the combination of all three technologies provides superior solutions to iron ore producers contemplating downstream, value adding of low grade DSO iron ore deposits. The industry is recognising that the resource size can be greatly enhanced and extended if they can find cost effective, simple processing solutions which maximise yields whilst maintaining product quality and grades.

“It is most likely that the raft of junior and mid tier iron ore exporters and emerging producers will apply the technology in the first instance, whilst the majors undertake a longer term view on technology application. However in the final analysis downstream beneficiation of most DSO deposits is enviable and we feel we have the latest and most effective technology in low cost processing solutions which is already demonstrated in large scale industry applications”, Mr McSweeney added.

“There is now certified pilot scale test equipment established in Western Australia and the industry enquiries to conduct test programmes through these units are extremely high.

“The technology is also very suitable for most industrial minerals requiring beneficiation which is susceptible to gravity and magnetic separation particularly in the coarser size ranges.”

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