

AUSTRALIA: SINO IRON PROJECT - TRANSPORT OF MILLS

PROJECT	EQUIPMENT	WEIGHT
MINING	SPMTs	UP TO 1,525 TON

Fagioli were awarded for the unloading, transport and installation of 160 items, mills and modules up to 1500 ton, in the North-Western part of Australia (Cape Preston) for the extraction and pre-refining magnetite material for petrochemical plant which is the largest magnetite mining and processing operation under construction in Australia. The modules arriving from China were unloaded by lo-lo or ro-ro. Fagioli were responsible for the load-in operations, transportation of the items to lay-down area (AQUIS Australian Quarantine and Inspection service), positioning of the items onto stools and then the final road transport to site. The Ag and Ball mills were two of the world's biggest and most powerful grinding mills ever built and transported. The AG mill weighted 1525 ton with a length of roughly 20 m and a diameter of about 15 m while the Ball Mill weights 947 ton with a length of 19 m and a diameter of about 12,3 m. For the Ball Mill were used 2x22 axle lines SPMTs' while for the AG 3x22 axle lines with a convoy length of 35 m. The project ran from 2010 to 2012 during which 106 transports performed have been performed by No.80 SPMTs axle lines and No.4 PPU's.



