

ROMANIA : INSTALLATION OF A 285 TON HOT LEVELLER

PROJECT	EQUIPMENT	WEIGHT
H. INDU. / SHIPBUI.	SPMTs / GANTRY LIFTING SYSTEM	285 TON

Fagioli were awarded the contract for the installation of a 285 ton Hot Leveller, 11,1 m high, 5,5 m wide. Fagioli used 16 axle lines SPMTs for the transport within the warehouse and a gantry lifting system with skid tracks for the final installation of the item.

OPERATIONAL PROCEDURES

The first step of the operation was the assembly of the trailers which were then used to move the item from its original position onto dedicated supports. 16 axle lines were used to load the hot leveller and move it inside the warehouse. Just before the heavy transport, Fagioli utilized steel plates placed at ground level for the transit of the convoy. The gantry lifting system was partially assembled on the left side of the production zone with a lifting frame structure provided by the client.



The gantry track rail was positioned on top of the installation area and connected to the gantry lifting system. The gantry lifting system was skidded from left side to right side just over the installation zone. The gantry track rail on the left side was removed. This operation allowed the necessary space for the insertion of the hot leveller and SPMTs convoy. The item was held in position by the SPMTs, whilst the gantry crane skid tracks were repositioned. Gantry crane system was skidded from installation zone into the left side just above the hot leveller (still loaded onto the SPMTs). Once in position the lifting frame was connected by the client directly to the item. The leveller was lifted by the gantry lifting system (and the lifting frame) and skidded in line above the installation zone. Once in position the leveller was lowered by the gantry lifting system.

