

STEEL WATER TANK MANUFACTURING NO: 806



THE APPLICATION: Conveying and Upending 40 Foot Long, 8 Ton, Sheets of Steel

THE PRODUCT: Gravity Roller Conveyor, Chain Driven Live Roller Conveyor Embedded with Pop-Up Chain Transfers, Chain Conveyor and Hydraulic Upender

THE INDUSTRY: Metal Manufacturing

THE NEED: A water tank manufacturer constructing a new steel handling facility needed a new rolled steel handling line. Extremely large steel sheets needed to be conveyed from the roll press and upended 90 degrees for overhead crane pick up to feed a shot blasting operation. The equipment needed to be built at a low elevation to match additional equipment in the facility.

THE SOLUTION: Omni Metalcraft Corp. provided Gravity Roller Conveyor and Chain Driven Live Roller Conveyor with pop-up Chain Transfers to feed the steel sheets onto six strand wide Chain Conveyor. The heavy duty Chain Conveyor fed the Upender which tilted 90 degrees allowing the overhead crane to transport the sheet to the shot blasting machine.

■ 5 hp two strand pop-up chain transfers

■ Manually adjustable end stop

■ 20 hp hydraulic upender

■ 19" top of chain

■ Six strand chain conveyor

