

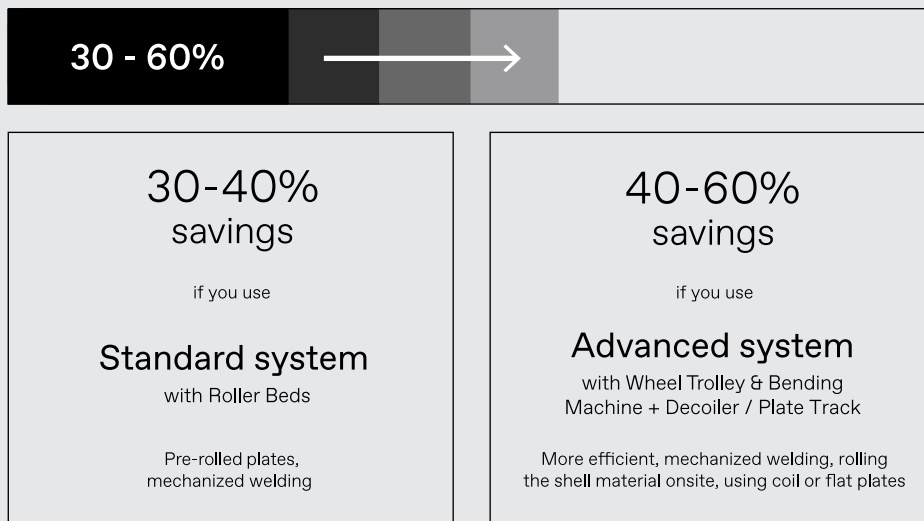
To best illustrate the advantages of our system and savings in many aspects, we present a case study of one of our projects. The project include erection of 9 different tanks. The data in the table refer to one tank.

	tank nr 1 NORDWELD SOLUTION	tank nr 2 NORDWELD SOLUTION	tank nr 3 NORDWELD SOLUTION
Material	LDX 2101 (Duplex)	Carbon steel S355	
Weight	~ 100 T	~ 100 T	~ 75 T
Thickness	5 - 10,5 mm	6 - 11 mm	6-11 mm
Diameter	19 m	16,9 – 18,6 m	13,6 m
Height	20 m		
Accessories	Platforms on the roof / Ladders with platform / Spiral stairs		
Internal pipe	Internal pipe from roof to bottom DN 150-300		
Nozzles	Nozzles at roof / bottom part		
Roof type	Conical roof with rafters outside		
Stiffening ring	One stiffening ring at the shell		
NDT	RT / UT / PT / MT + Water test		
Production hours	2900 - 3000 h	2600 - 2800 h	2100 - 2200 h
Hour / Ton	~ 30 h/t	~ 27-28 h/t	~ 30 h/t
Production time	7 - 8 weeks	4 - 5 weeks	3 - 4 weeks
Workers	2 shift (4 + 5)	2 shift (7 + 5)	2 shift (7 + 5)
Building method	Wheel Trolley system with Bending Machine + Plate Track		
Welding methods	FCW and Arc Tig	FCW and SAW	FCW and SAW





Nordweld develops, designs and manufactures an innovative system for the construction of welded steel tanks on site. The offer includes both sales and rental of tank construction equipment around the world. This innovative technology is suitable for a wide range of tank types and materials. Using the Nordweld Building System reduces on-site costs and offers numerous benefits such as fewer production hours, improved working conditions, increased safety and better quality. Nordweld provides experienced supervisors who help and train customers in the optimal use of our equipment.



Our technology offers you the possibility to perform all work at ground level. By starting with the roof, you have a good weather protection and keep the roundness of the tank during the building process. The entire tank is rotating during the installation of the sheets and during the welding progress. All welding can be mechanized and preform from one point acc. to the customer's request.

# About our Group

Nordweld is part of the TLC Group. It is a Swedish-Polish Group specialising in the design and production of solutions for the industrial and construction sectors. It is committed to green solutions and sustainability in its operations. The Group's product range includes steel walkway systems for the industry, temporary construction site protections and an innovative system for the construction of large-size tanks.

TLC started in 2005 as a small company and today it is a Group of companies with projects all over the world. The thousands of realisations that have been completed on various continents confirm the Group's position of a trusted business partner. TLC's key clients include leading companies in the industrial and construction sectors.



We offer full service:



sale / rent



production



project



logistics



assembly