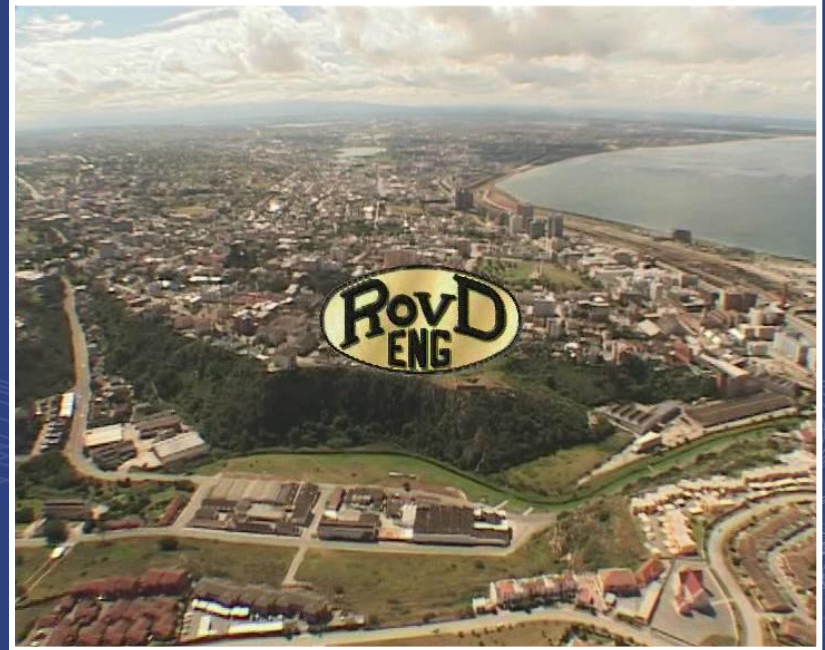




MODERN MECHANIZED SALT HARVESTING IN SOUTHERN AFRICA

About our company



Salt industry projects

- Sea Water Pumps



- Iodide Mixers



- Salt wash Plants



- Salt Harvesters



Starting from first harvesters





← 400 TPH Harvester

750 TPH Harvester →



Major areas of interest in a harvester

- Cutter Drum (pick roll)
- Chassis



- Elevator



- Cab

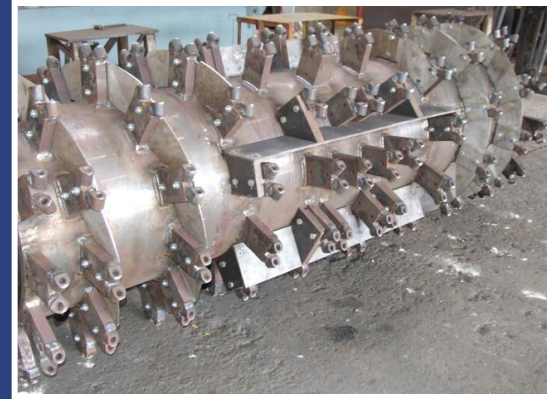


- Control System



Cutter drum

The pick roll



Pick holders with picks
and scroll plates installed



Cutter tips

Mounting Block

Cutting Tips

Chisel tip

General

purpose tip for
high-impact

Medium-impact
tip

High
penetration
tip



Scroll plates

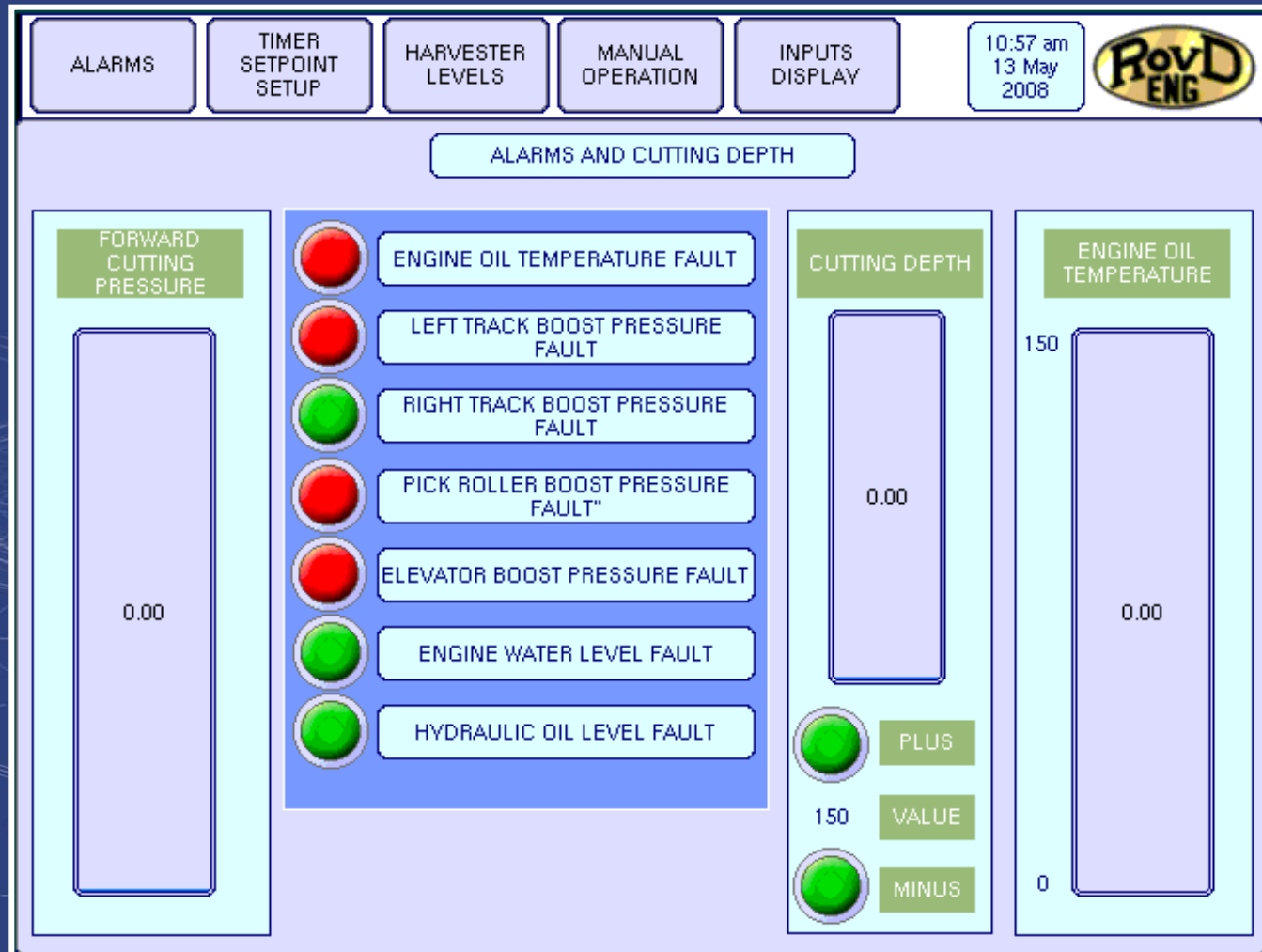
- Designed to direct the flow of salt particles



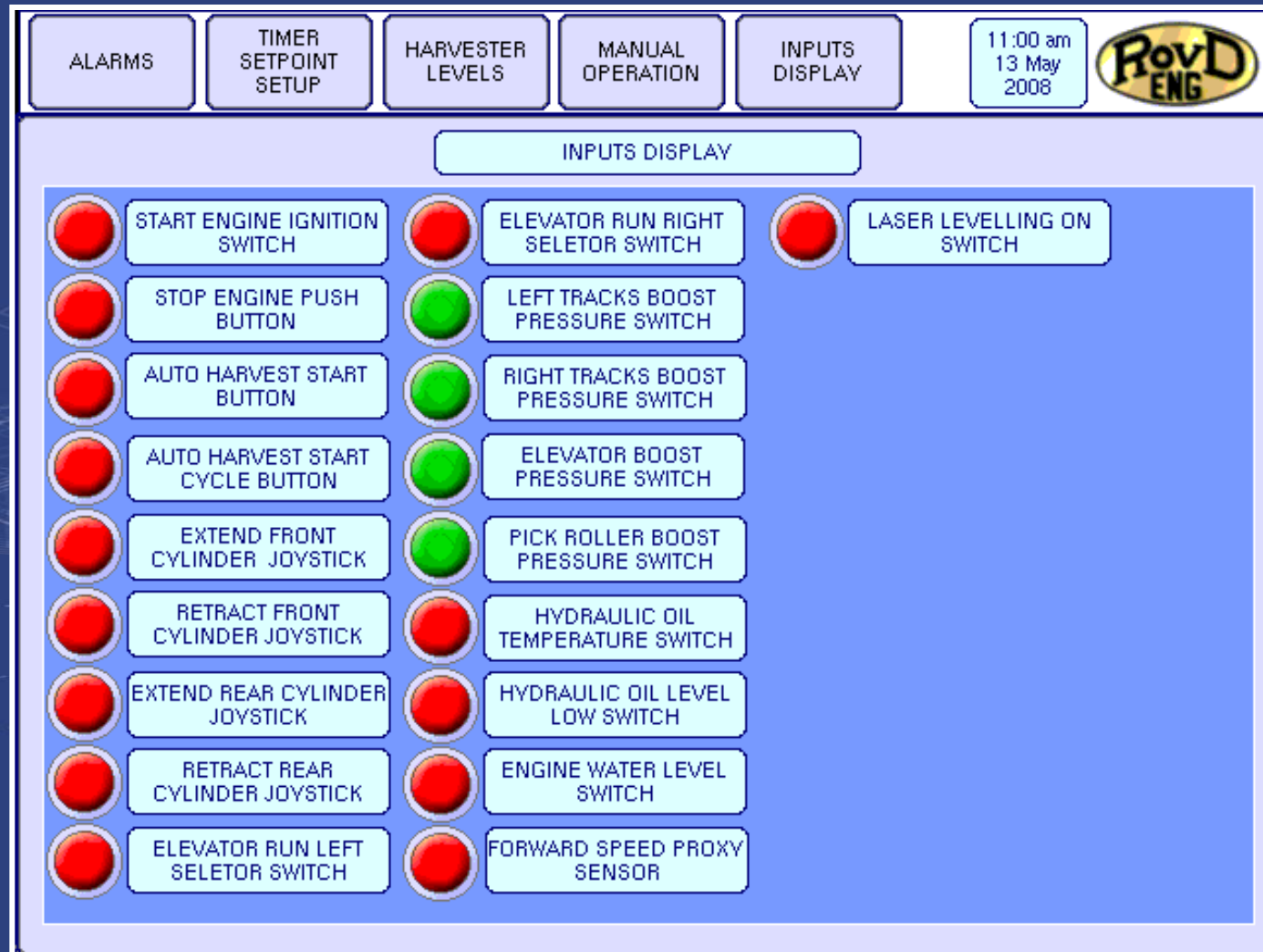
Hydraulic motor for pick roll



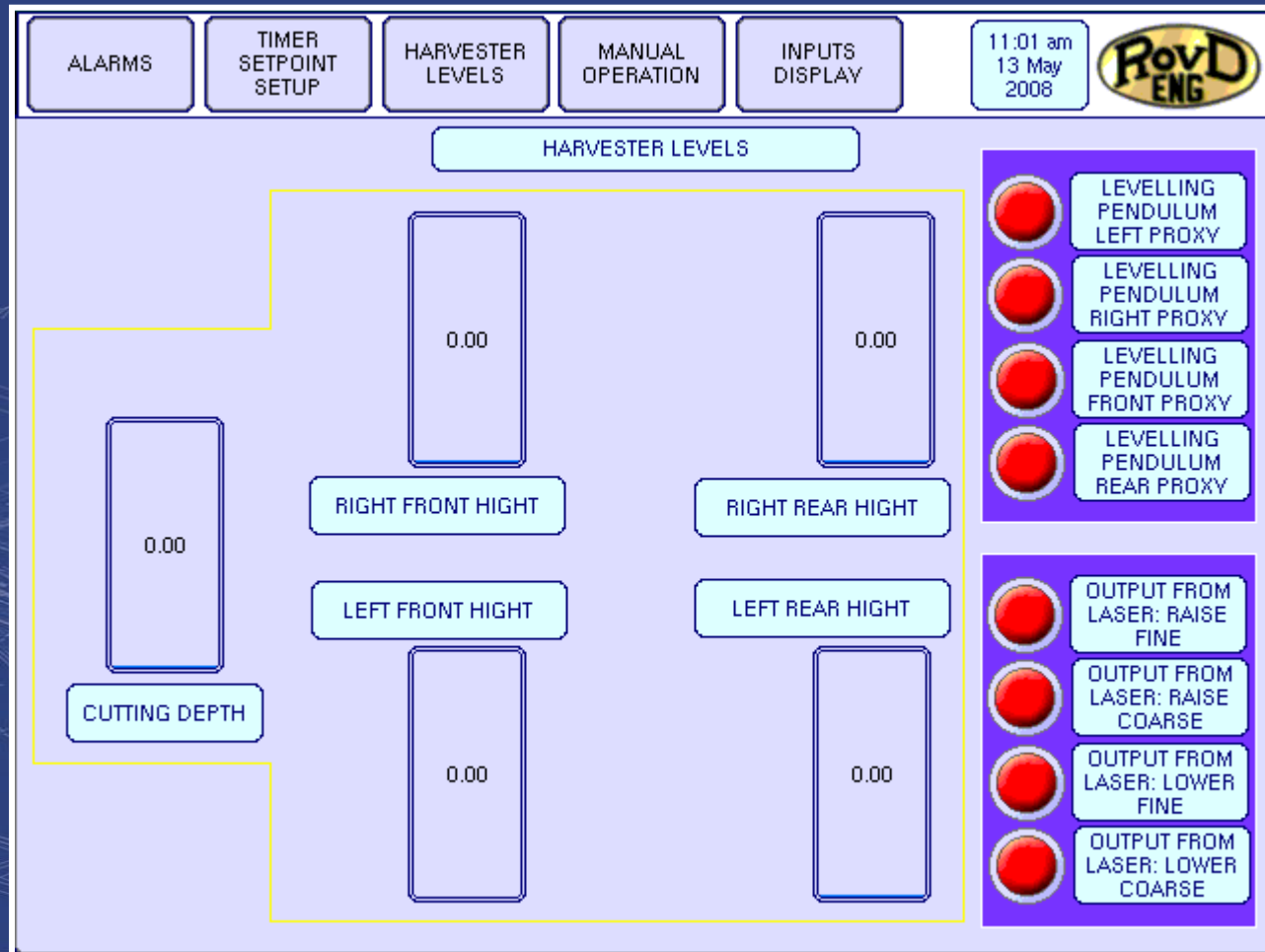
Alarms and cutting depth on touch screen monitor



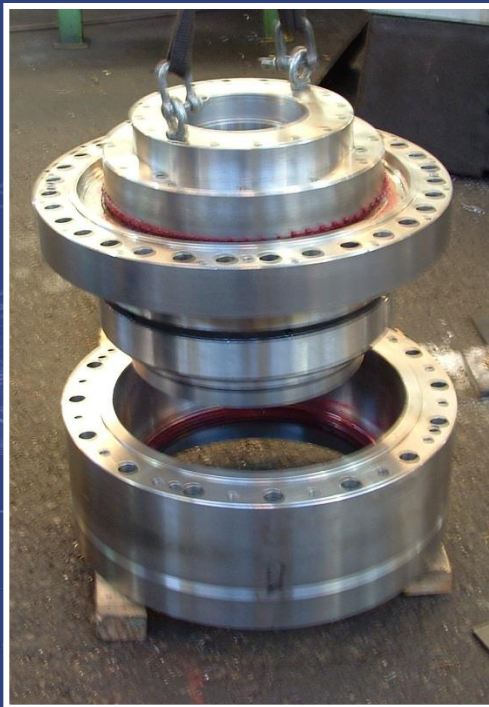
Inputs display on touch screen monitor



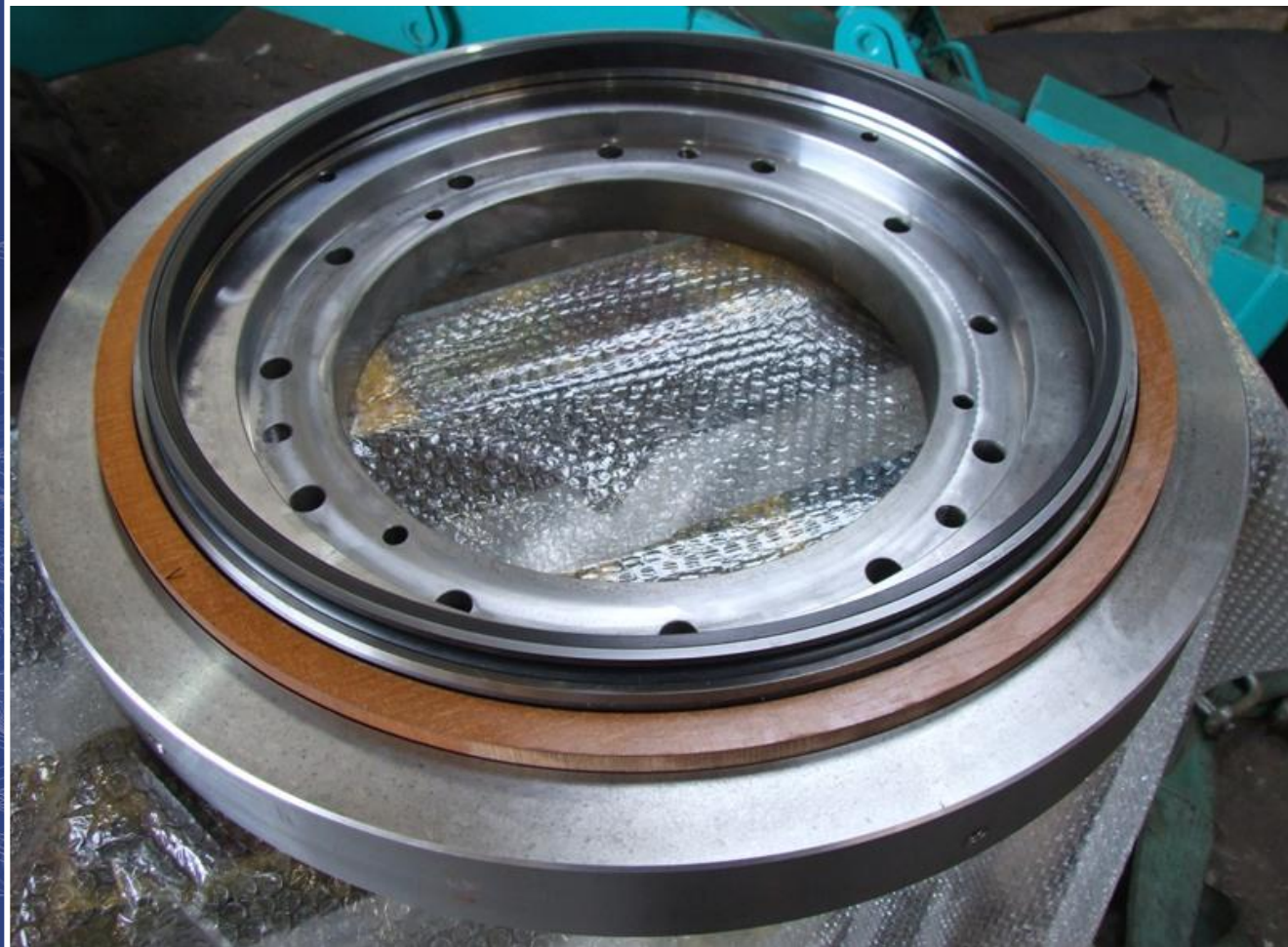
Harvester levels on touch screen monitor



Self-aligning spherical roller bearings for the pick roll being assembled



'Du-cone' Seal



Elevator Section



- Elevator loading salt into Truck



Elevator section with buckets



Elevator loading salt



Chassis being prepared



Completed chassis



Stainless steel sections

Engine cover

Cab section

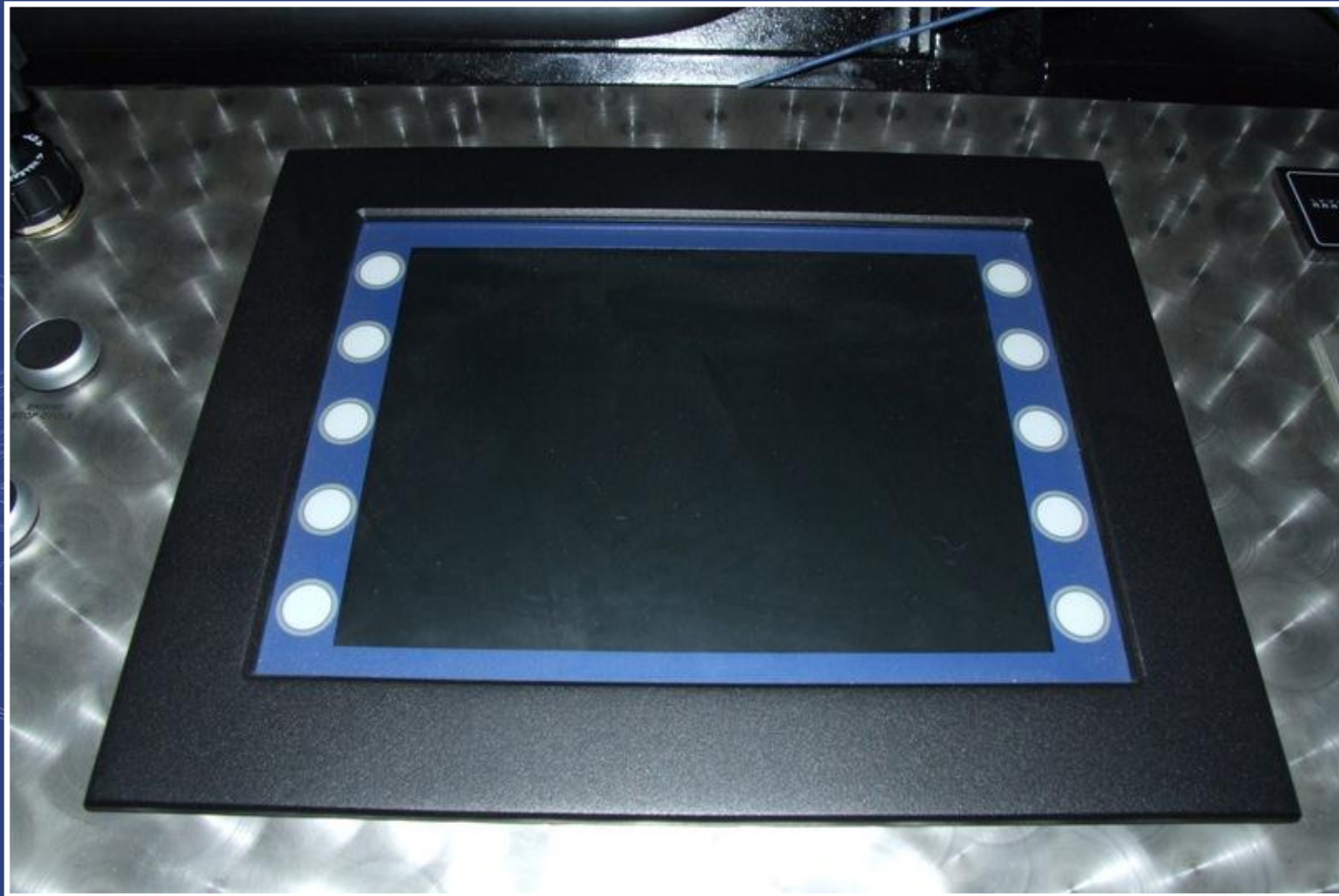


Cab

- Top of cab with overhead gauges



Digital display to monitor harvester



Control System

Panel covering
PLC on



Panel removed
for access to PLC



Laser system

Control-panel inside harvester that works in conjunction with laser tower



Signal transmitted from laser tower used to maintain cutting depth on harvester

Output terminology



Trailers used for carting of salt

Bottom-dump
trailer



Conventional
rear-tipper

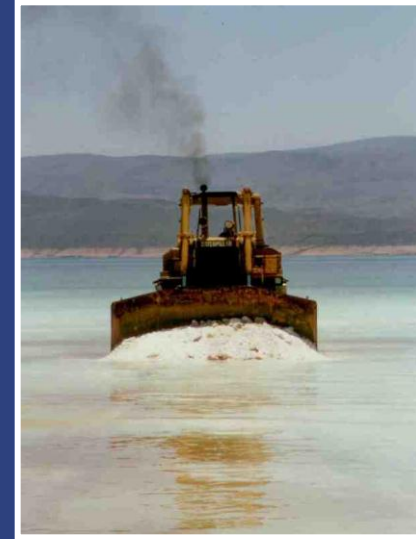


Harvester awaiting trailers before continuing harvesting operations



Harvesting Method

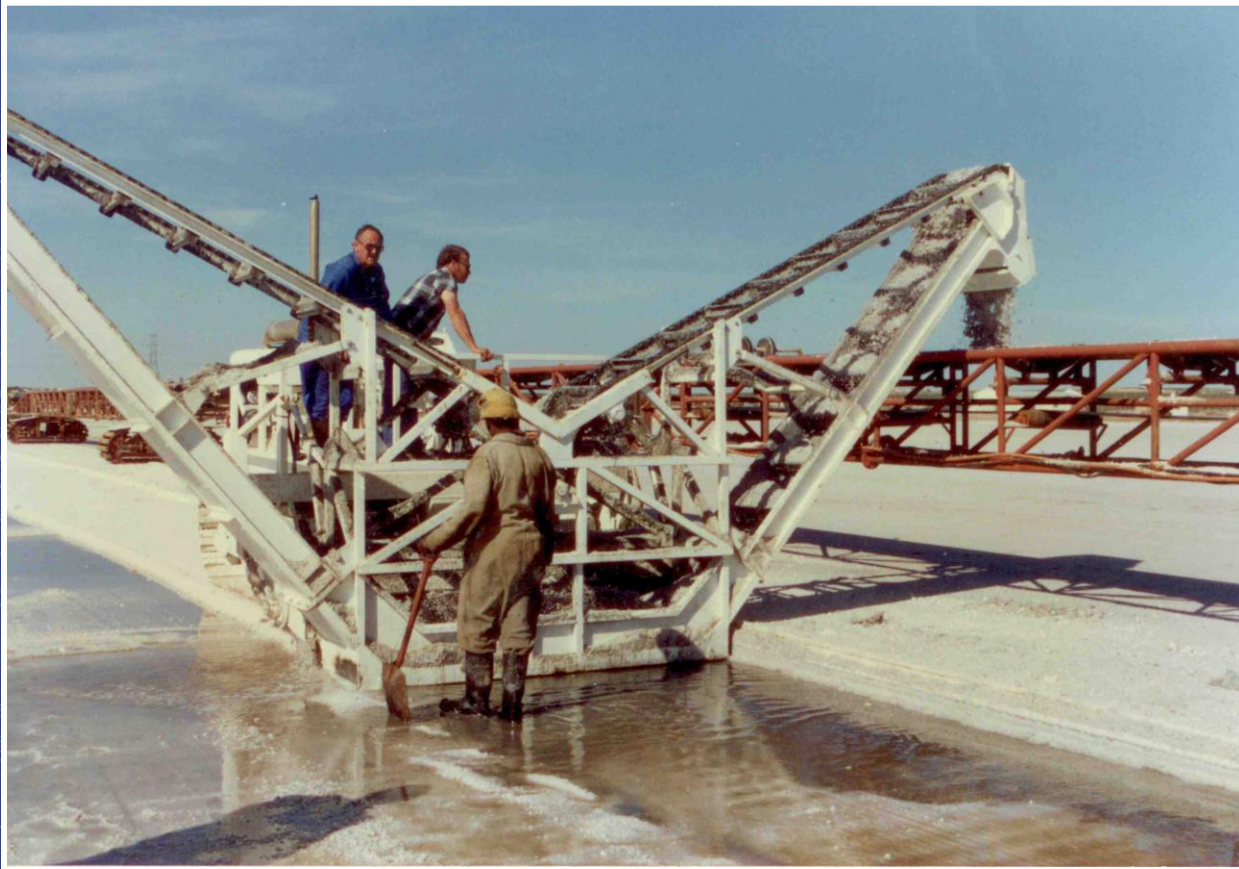
- Use of a bulldozer to harvest salt
- Use of a front end loader
- Use of a harvester



- Loading salt into trailer



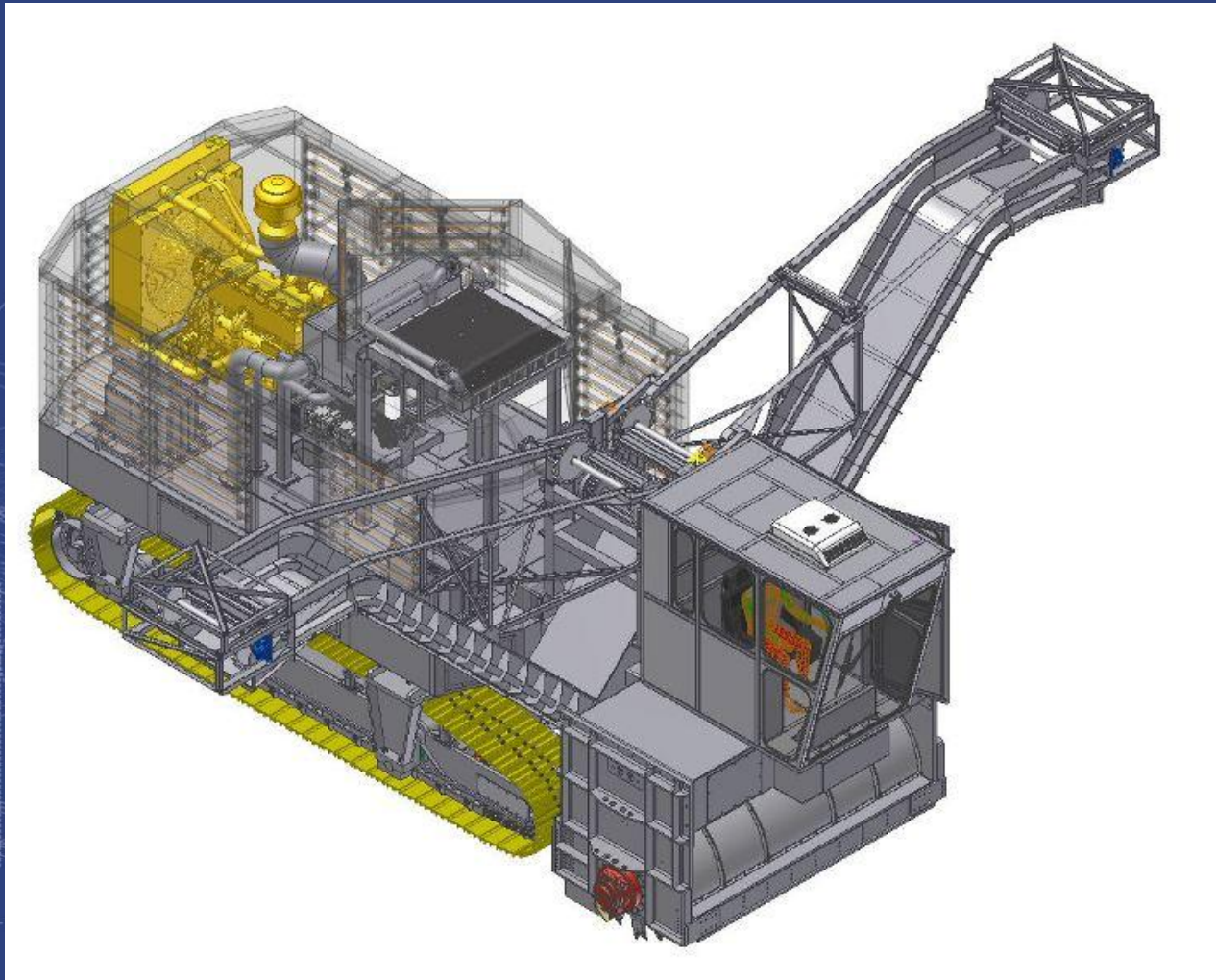
- Harvester loading salt onto conveyor



- Trailed harvester



Conclusion



Contact details

- Email us at: info@rov.co.za
- Phone number: +27414532530