



Made-To-Order Screw Conveyors

Manufacturing Capabilities:

- Flights manufactured up to 110" diameter
- Pulley manufacturing up to 11,000 lbs
- Custom products made in-house
- Drag conveyors up to 160' long
- Quick turnaround of 24hrs on MTO pulleys when required



Examples of MTO Screw Conveyors:



304SS MTO De-Husking Screw

- 8" diameter x 68" long
- Manufactured by reverse engineering a customer supplied sample
- Upgraded material thicknesses for longer wear and better performance
- Used to remove husks off re-hydrated soy beans
- Glass bead blasting of full screw
- Stress relieving of welds
- Dynamic balancing at 800 RPM



Twin MTO Cast Paddle Mixer

- Each screw is 43" diameter x 7' long
- Mixes frac sand with a polymer for a better run process
- Special cast White Iron paddles and trough liner for high durability but easy replicability
- Complete MTO drive unit with single input, double output reducer to perfectly time both screws
- 5' wide mechanical slide gate installed for different batch requirements



Twin High Trough Sugar Mixer

- Twin 42"/38" diameter x 37' long x 15' high trough
- Used to mix sugar with syrup
- All interior required CEMA 4 polishing
- All exterior sand blasted and painted with high temp enamel
- Coordinated two full truck loads with a team of drivers to ensure a quick on-site delivery
- Manufactured in 7 weeks from approval

Learn more about *Martin* Material Handling solutions at:
martinsprocket.com • 817.258.3000