



FB INDUSTRIES

THE UNSURPASSED SOLUTION
for FRAC SAND STORAGE & HANDLING



INNOVATIVE SOLUTIONS for the OILFIELD INDUSTRY

Relationships with our customers is the determining factor of our success for all of the solutions that we create.

FB Industries Inc. designs solutions to fulfill current unmet needs in the oilfield industry. Our goal is to create unique solutions to problems that exist within the industry.

Our company is lead by a team purposed to conduct business with integrity in everything we do. This results in open and honest relationships with our customers built on trust.

Our expectations for quality is high and therefore we are diligent in hiring the best people to produce the highest quality product.

SS-280

CAPACITY

280 Ton / 5,253 cu. ft.

DIMENSIONS

48.5' H x 14' W

DUST CONTROL & MITIGATION

Dust control unit and covered conveyors reduces silica dust during loading and unloading

EFFICIENT OPERATION

Requires little fuel for operation during a frac job, saving time and money while reducing work site noise and exhaust

EASY LOADING

Dual or quad 4" fill tubes for simultaneous loading, or fill through top lid



MAXIMUM ON-SITE STORAGE

Currently the largest capacity mobile storage solution in the industry

Titan Silos allow you to store more sand while using a smaller site footprint than traditional sand storage systems.

Our innovative solution is easily customizable, offering a wide variety of site set-ups to help you make the most of your site.

Our new sand tracking system allows you to view product levels per silo and per site. A website can be set up to view this data remotely.

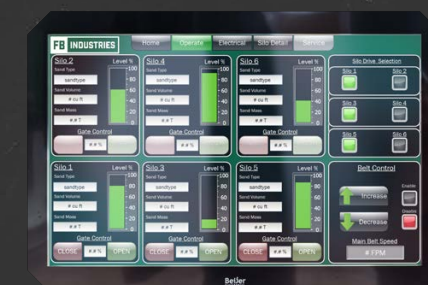


POWERFUL WORK LIGHTING

LED lighting provides a bright, power-efficient, continuous light source

OPTIONAL SAND TRACKING SYSTEM

Monitor sand volume and usage from a control panel in the data van per site and per silo



CENTRAL CONTROL PANEL

Manage common controls for conveyors, gates, lights, and scales all from one central location

STABILIZED BASE

Safety outriggers stabilize the silo, increasing wind load rating



TRANSFER SAND QUICKLY FROM SILO TO BLENDER HOPPER

The Cobra Conveyor is a self-contained unit designed to transfer sand from the SS-280 Titan Silo System underbin conveyors and quickly convey it to a blender hopper.



SELF-CONTAINED POWER PACK INCLUDED
Backup power pack available upon request for redundant power



CONTROL CENTER
Operate most common functions from a central location



ADJUSTABLE DISCHARGE
Discharge chute swivels and extends for precise delivery of product to the blender

✓ BUILT FOR SAFETY - Emergency shutdowns incorporated into conveyors and silo systems



FLEXIBLE CONNECTOR TUBES
Plastic tubing adjusts to create a tight connection with Titan Silos, reducing silica emissions



COVERED CONVEYORS
Reduce silica emissions and protect workers from potential safety risks



RAISE AND LOWER TITAN SILOS WITHOUT THE NEED FOR A CRANE

The SST50P silo erector trailer is designed to raise and lower the SS-280 and SS-190 silo systems without the need for a crane. The patented trailer system is DOT compliant and features LED lighting, a self-contained hydraulic power pack, and a low profile design.



**HYDRAULIC
TRANSPORT
GRAPPLE ARMS**

Ensure secure lockup to
the silo power pack



"QUICK ATTACH" SYSTEM
Aligns trailer for fast, easy
hook-up



**STANDARD LED LIGHTING,
FULL FENDER, AND
MUD FLAP PACKAGE**



**TRIDEM, AIR RIDE
SUSPENSION**

✓ **BUILT FOR SAFETY** - Hydraulic lift engineering control system includes hydraulic fail-safe descent capability during raise/lower operations



**STANDARD SEMI-
TRACTOR COMPLIANT**
Standard semi-tractor
units can be used with
no need for large set up
procedures using cranes
or deck trucks



**HYDRAULIC LIFT
SYSTEM**
Powered by the self-
contained power pack
on the trailer

BUILT FOR SAFETY

DESIGNED WITH SAFE OPERATION IN MIND

The Titan Silo System is designed to protect operators and nearby personnel in case of equipment failure. Your safety is our utmost priority at all times.



EMERGENCY SHUT DOWN CONTROL
Emergency stop on all silos, conveyors, and master control panel for safe, reliable shut down



MASTER BATTERY DISCONNECT
Provides master control disconnect and de-energizes all electrical systems for the Titan Silo and conveyor system



SAFE ACCESS HATCH
Cobra Conveyor includes conveyor access hatch with cover and mesh screen, allowing view of product flow without compromising safety



SAFETY GATE & ANTI-SLIP DECK
Grip tape is applied to the operator deck



POWERFUL WORK LIGHTING
LED lighting provides a bright, continuous light source to enhance night visibility



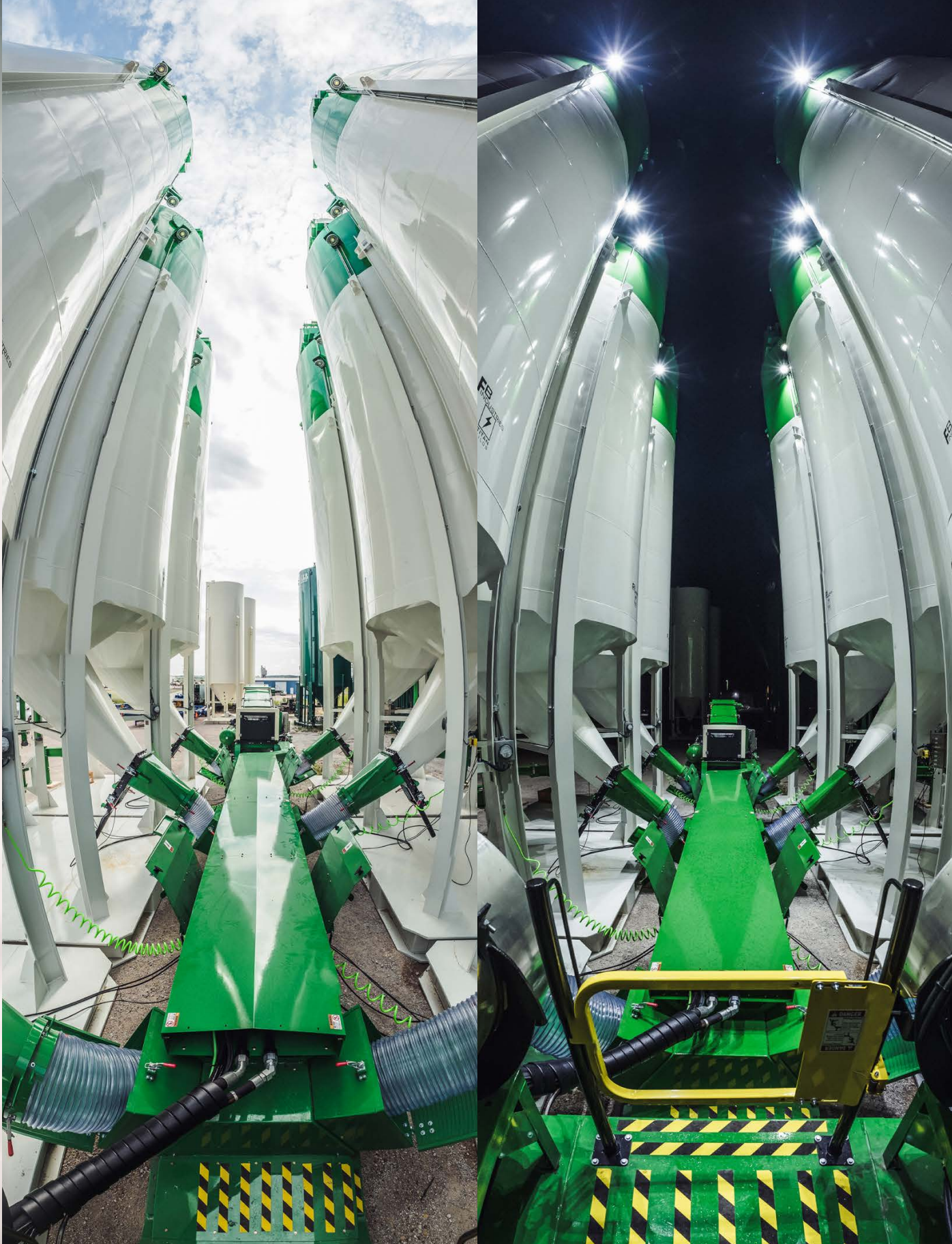
STABILIZED BASE
Safety outriggers stabilize the silo, increasing wind load rating

COVERED CONVEYORS
Reduce silica emissions and protect workers from potential safety risks

COVERED MOTORS
Enclosed motors guard against accidental contact

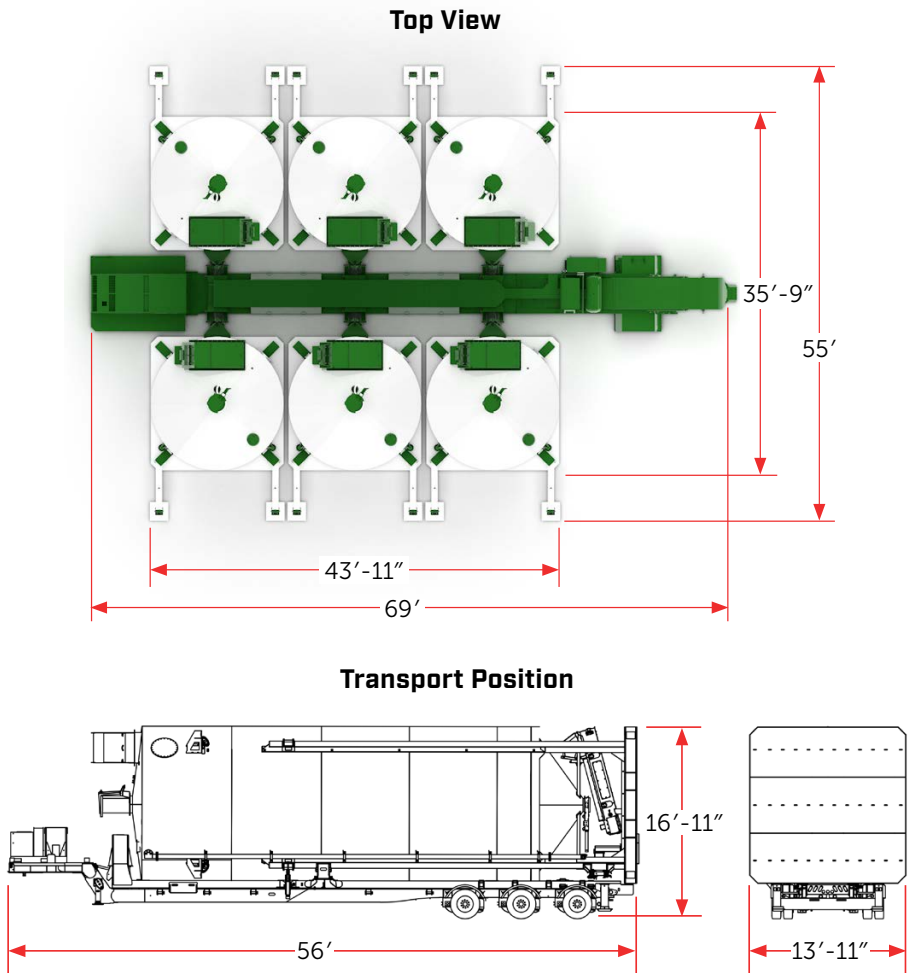
AIR PRESSURE RELIEF VALVE
Titan Silos equipped with relief valve to relieve excess air pressure inside silo

MULTIPLE FIRE EXTINGUISHERS
Fire extinguishers are available at multiple locations in case of emergency



SPECIFICATIONS

SS-280



Volume Per Silo: 5,253 CU. FT.			
DENSITY (LBS/CU. FT.)	LBS	TON (IMP)	TON (METRIC)
85	446,505	223	203
90	472,770	236	214
100	525,300	263	238
110	577,830	289	262

Total Volume Per 6 Silos: 31,518 CU. FT.			
DENSITY (LBS/CU. FT.)	LBS	TON (IMP)	TON (METRIC)
85	2,679,030	1,340	1,215
90	2,836,620	1,418	1,287
100	3,151,800	1,576	1,430
110	3,466,980	1,733	1,573



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