

## **SPECIALIZED TECH INC.**

has provided gas well desanding services since 2001. STI's patented equipment is installed upstream of the customers' surface equipment to remove sand from produced gas and liquids.

The Desanders allow gas wells to be flowed under sand producing conditions that would otherwise be damaging to production equipment.



## **SPECIALIZED TECH INC.** Gas Well Desanding Services



### **CALGARY OFFICE**

#106-10615 48th St. SE  
Calgary, Alberta T2C 2B7  
Bus: 403.233.2040  
Fax: 403.279.6915

### **FIELD OFFICE**

Grand Prairie (780) 897-8140  
Ft. St. John (250) 793-5140  
Three Hills (403) 443-5453

## **SPECIALIZED TECH INC.** Gas Well Desanding Services





## FEATURES

- Pressure ratings: 9,930 kPa - 41,370 kPa
- Temperature ratings -20F & -50F & Heated units available
- Registered ASME ABSA pressure vessels
- Sweet & Sour service models available
- Allows monitoring of sand production
- Eliminates flaring
- Allows in line testing
- No pressure drop
- Compact portable size
- Easy servicing / Minimal clean out time
- Zero emissions
- Removes sand and other particulates such as asphalts and free precipitates
- High sand capacity
- Sand Sentry - A Web based sand monitoring system

## PREVENTS

- Erosion damages to equipment such as separators, piping, valves and chokes
- Uncontrolled flows
- Blow outs
- Lost production
- Clean up costs
- Personnel hazards
- Plugging of valves, control and measurement equipment
- Pollution
- Regulatory reporting issues

## ALLOWS

- High pressure sand recovery, while conserving gas instead of flaring during clean up or testing
- Operation of gas wells with 'less than perfect' sand cleanup after fracs
- Operation of gas wells producing formation sand

Model	ANSI	MAWP (kPa)	MAWP (psi)	MDMT (°C)	MDMT (°F)	Designated Service	Sand Capacity (kg)	Sand Capacity (lb)	Liquid Capacity (L)	Liquid Capacity (bbl)	Weight Empty (kg)	Weight Empty (lb)	Length (m)	Length (ft)
2810-1440	600	9,900	1,440	-29	-20	Sweet	66	145	37	0.2	1,155	2,541	4.1	13.5
2815-1440	600	9,900	1,440	-29	-20	Sweet	99	219	56	0.4	1,300	2,860	6.8	22.3
21615-1480	600	10,200	1,480	-44	-50	AB Sour	643	1,417	362	2.3	2,515	5,533	6.8	22.3
21620-1480	600	10,200	1,480	-44	-50	AB Sour	861	1,898	485	3.1	2,990	6,578	8.3	27.2
41210-2900	1500	19,995	2,900	-44	-50	AB Sour	176	388	99	0.6	1,610	3,542	4.9	16.1
41215-2900	1500	19,995	2,900	-44	-50	AB Sour	260	573	147	0.9	1,990	4,378	6.8	22.3
41215-3120	1500	21,512	3,120	-44	-50	AB Sour	239	527	134	0.8	2,018	4,448	6.8	22.3
41220-2900	1500	19,995	2,900	-44	-50	AB Sour	344	759	194	1.2	2,650	5,830	8.3	27.2
42410-3705	1500	25,545	3,705	-44	-50	AB Sour	750	1,653	478	3.0	4,672	10,300	4.9	16.1
42415-3705	1500	25,545	3,705	-44	-50	AB Sour	1,174	2,595	717	4.5	4,672	10,325	5.7	18.7
42420-3705	1500	25,545	3,705	-29	-20	AB Sour	1,388	3,060	782	4.9	9,750	21,500	7.2	23.6
42420-3705M	1500	25,545	3,705	-29	-20	AB Sour	739	1,628	416	2.6	9,500	21,000	7.2	23.6
62016-4750	2500	32,750	4,750	-29	-20	AB Sour	647	1,430	394	2.5	7,256	16,036	4.8	16.0
62024-4750	2500	32,750	4,750	-29	-20	AB Sour	1000	2,210	592	3.7	10,884	24,024	8.8	29.0
62020-4750	2500	32,750	4,750	-29	-20	AB Sour	824	1,821	493	3.1	9,070	20,045	7.6	25.0
62016-4880	2500	33,647	4,880	-29	-20	AB Sour	647	1,430	394	2.5	7,256	16,036	4.8	16.0
62415-5200	2500	35,854	5,200	-44	-50	AB Sour	910	2,011	513	3.2	8,250	18,233	5.7	18.7
62420-5200	2500	35,854	5,200	-44	-50	AB Sour	1,239	2,738	698	4.4	11,000	24,310	7.3	24.0
61416-6000	2500	41,370	6,000	-44	-50	AB Sour	304	669	171	1.1	4,525	10,000	4.9	16.0