

BRANDT™ Processing / Dewatering Tank

A MORE EFFICIENT WAY TO FULFILL YOUR DEWATERING NEEDS



The processing tank is offered as a cost-efficient tool, primarily utilized in dewatering applications. By combining a premix tank and a floc tank (flocculent insitu tank), trucking time is reduced and the wellsite area can be utilized more effectively. The processing tank is equipped with the NOV Mission 5" x 6" centrifugal pump driven by either a 60 hp electrical motor or a 471 Detroit diesel engine. The mud mixing venturi hopper provides a homogeneous mixing action for blending mud as well as dewatering chemicals to accommodate the dewatering process.

Ranging in sizes from 47 m³ to 75 m³ (300 to 470 bbls), the processing tanks are designed with 2 or 3 large capacity tank sections, as well as two 4.5 m³ (28 bbls) flocculent mixing compartments. Agitators are provided in the floc mixing sections, as well as in most of the larger processing sections. Plumbed into the flocculent tank sections are three variable drive Moyno pumps. These pumps are designed to provide precise feeding capabilities to the centrifuges. The two-compartment design of the insitu floc tank allows continual feed by batch missing flocculent and switching between tanks.

To ensure optimum performance for cold weather operations, all WSS FluidControl processing tanks are equipped with steam coils throughout each compartment. They are also equipped with either a steam or electrical heater in the mud mixing pump room.



Nominal Specifications and Dimensions

Volume	Length	Width	Height	Weight
43 m ³ (270 bbl)	14.63 m (48 ft)	3.05 m (10 ft)	3.05 m (10 ft)	18,045 kg (39,700 lbs)
56 m ³ (350 bbl)	14.02 m (46 ft)	3.35 m (11 ft)	3.50 m (11 ft 6 in)	16,136 kg (35,500 lbs)
80 m ³ (500 bbl)	16.15 m (53 ft)	3.00 m (10 ft)	3.45 m (11 ft 6 in)	18,365 kg (40,500 lbs)
75 m ³ (475 bbl)	16.76 m (55 ft)	3.66 m (12 ft)	3.71 m (12 ft 2 in)	29,545 kg (65,000 lbs)

* General specifications, subject to change without notice; contact your local NOV representative for further details.