

## Flotation Tank Cells



Developed through an extensive R&D process, Westpro's Flotation Tank Cells deliver industry-leading flotation recovery performance in a variety of mineral processing applications. In addition to an optimized mechanism design, the Flotation Tank Cells include a number of features to facilitate operation and maintenance with a view to maximizing plant productivity.

### ADVANTAGES

- Cell capacities ranging from 0.17m<sup>3</sup> ( 6ft<sup>3</sup> ) to 300 m<sup>3</sup> ( 10600 ft<sup>3</sup> )
- Robust bevel/helical drive with direct air connection, designed specifically for Westpro flotation tank cells
- Easy access drive guards allow simple adjustment of rotor speed for optimization of the performance of each cell
- Foldable froth crowder allows for quick removal of shaft and rotor
- Automatic cell level control system with ultrasonic sensors and dart valves
- Customized launder designs
- Rotor/Stator design

### SIZES

| Model    | ft <sup>3</sup> /Cell | m <sup>3</sup> /Cell | Motor HP | Model     | ft <sup>3</sup> /Cell | m <sup>3</sup> /Cell | Motor HP |
|----------|-----------------------|----------------------|----------|-----------|-----------------------|----------------------|----------|
| FL350TC  | 350                   | 10                   | 25       | FL2500TC  | 2500                  | 70                   | 125      |
| FL500TC  | 500                   | 15                   | 40       | FL3500TC  | 3500                  | 100                  | 150      |
| FL700TC  | 700                   | 20                   | 50       | FL4600TC  | 4600                  | 130                  | 200      |
| FL875TC  | 875                   | 25                   | 60       | FL5700TC  | 5700                  | 160                  | 250      |
| FL1100TC | 1100                  | 30                   | 60       | FL7100TC  | 7100                  | 200                  | 250      |
| FL1400TC | 1400                  | 40                   | 75       | FL10600TC | 10600                 | 300                  | 300      |
| FL1800TC | 1800                  | 50                   | 100      |           |                       |                      |          |

EXCELLENT PULP  
SUSPENSION

SUPERIOR BUBBLE  
CONTACT

ENHANCED BUBBLE  
GENERATION

CFD TECHNOLOGY

Contact Westpro and find your process solution today.

