Westpro's center pier clarifiers are designed for various water and wastewater applications.

- Wastewater industry
- Secondary clarification
- Fermenting
- Industrial minerals
- Petroleum industry

**applications**

**advantages**

- Low maintenance
- High efficiency spiral blades
- Electrical torque limiter
- Mechanical shear pin
- Heavy-duty construction
- Complete variable speed
- Reversible operation

**components**

1. Bridge Walkway & Platform
   - Customizable deflection & width
   - Optional walkway lighting
   - Various grating material options
   - Aluminum handrails
   - Removable from system

2. Rotating EDI
   - Various construction material options
   - Multiple tangential diffuser gates
   - Closed bottom with holes designed as per required retention time.

3. Flocculating Feedwell
   - Baffled openings for scum exit
   - Supported from drive cage

4. Scum Collection Device (optional)
   - Circumferential scum baffles
   - Tangential skimmers (quantity as requested)
   - Wiper assembly
   - Scum trough

5. Drive Cage
   - Heavy-duty design for high torque applications
   - Corrosion protection
   - Supports EDI and flocculating feedwell

6. Center Support Column
   - Capable of high torque applications
   - C/W diffusing ports
   - Various construction material options

7. Sludge Withdrawal Ring (optional)
   - Designed to centralize sludge prior to exiting the system.

8. Sludge Collector Rakes
   - Efficient spiral sludge collection design
   - Heavy-duty construction

Westpro Machinery Inc.
P.O. Box 726
Vernon, BC
Canada V1T 6N6
Tel: (250) 549-6710
Fax: (250) 549-6735
Toll Free: 1-877-WESTPRO (937-8776)
Email: sales@westpromachinery.com

www.westpromachinery.com