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PHOENIX Announces Expanded Belt Filter Press Line

PHOENIX Process Equipment Co., of Louisville, Kentucky, has announced an expanded line of Belt Filter Presses.

A series of affordable compact belt filter presses and gravity belt thickeners has been specifically designed for smaller industrial and municipal wastewater plants. When supplied as skid mounted systems, they include all necessary pumps, controls, polymer dosing systems, and require only four external connections, greatly simplifying the installation process.

The new PHOENIX Model WX-D features dual gravity zones for maximum hydraulic flow rates per meter of belt width on very difficult, low feed solids biological sludge applications. The integral third belt pre-thickener accelerates gravity drainage, while the extended gravity and wedge zones provide superior dewatering performance and versatility.

Also, modular capability has been added. This development allows four to fourteen rollers in the pressure/shear zone of the machine. The gravity drainage section can be standard length, extended, or independent from the pressure sections of the press.

Other standard features include welded mainframe, oversized bearings, and unique corrosion protection features. Presses are available from 0.7 to 3 meter widths to handle many dewatering requirements.

All equipment is factory assembled and tested. Start-up service and free lab testing is available.

All of the PHOENIX belt filter presses and table thickeners are shown in its new Thickening and Dewatering Brochure. The brochure includes a comprehensive summary of PHOENIX's entire line of gravity belt thickeners and belt presses. The complete brochure is available by mail or email.

PHOENIX Process Equipment Co. is a leading global supplier of systems for separation, classification, thickening and dewatering dredged sediments and minerals slurries and for dewatering sludge from industrial and municipal wastewater treatment systems.