

AUTOMATION RETROFIT KIT

OliverTM
Processing for a more productive planet.

THE CONTROL AND CONVENIENCE OF AUTOMATION FOR ALL MANUAL MAXI-CAP GRAVITY SEPARATORS

Oliver offers a factory upgrade kit introducing full automation for all aspects of gravity table adjustment, operation and cleanout. The integration of programmable logic circuitry (PLCs) and electronic / hydraulic control adds both precision and repeatability over all input parameters:

- Air control
- Table tilt
- Eccentric vibration
- Feed rate

The upgrade kit — which Oliver technicians can complete on-site in a matter of days — provides measurable improvements in consistency and performance and is compatible with most plant-wide integrated processing scenarios.

Applies to models 2400, 3000, 3600 and 4800.



CENTRALIZED TOUCHSCREEN AND JOYSTICK CONTROL

Every aspect of operation can be controlled from a centralized user interface for safety and convenience. All adjustments are by easy-to-understand numerical entries. A menu-driven touchscreen enables direct numerical setting input along with memorized “recipe” retrieval. Four-way joystick provides intuitive control over table tilt and end lift.

DIGITAL ELECTRIC CONTROL ACTUATION

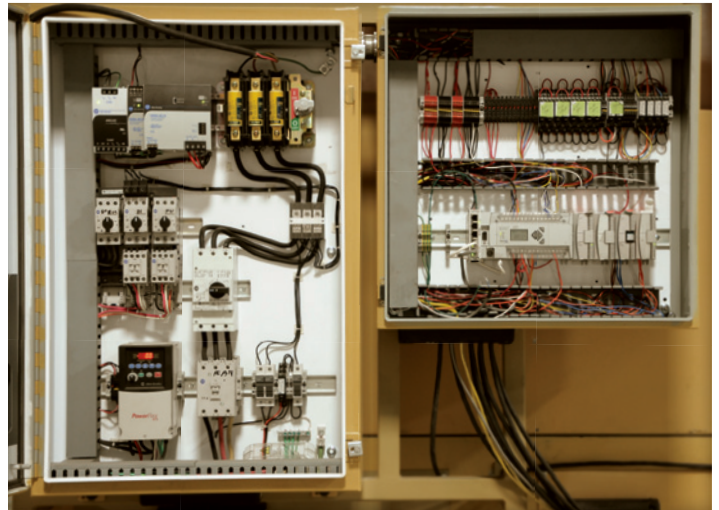
Essential manual controls are replaced by power electronic actuators and hydraulic sensors for easier operator setup and optimal repeatability. Digital readouts eliminate guesswork in recalling current settings.

SMOOTHER, MORE ACCURATE SETUP AND OPERATION

Pre-stored “recipes” allow for adjustment memorization and retrieval for highly accurate operation, even by inexperienced operators. Even cleanout routines can be instantly recalled from memory. Setup accuracy is so high that machines installed in parallel for shared streams for higher volume installations can perform identical separations when settings are duplicated between machines.

WARRANTY

Oliver offers the same industry-best warranty on Retrofit Kits as the rest of our hardware — 3 years.



Retrofit Kits bring the convenience and accuracy of automated operation to all manual Maxi-Caps. Conversion from manual actuation and installation of all electronics can, in most cases, be completed on-site in a matter of days.