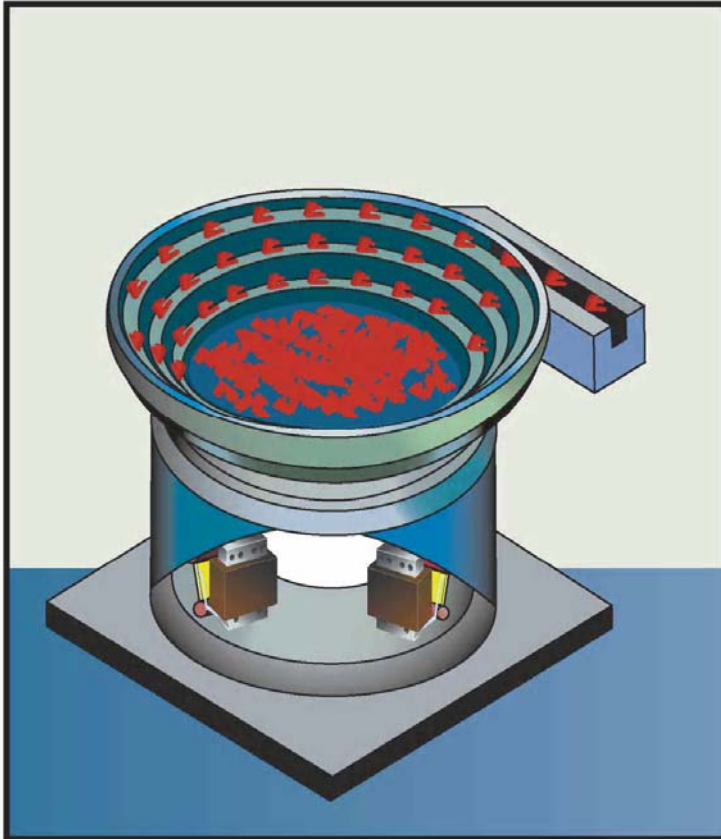
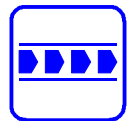




## REOVIB MTS 441 Microprocessor Thyristor System



- Voltage compensation
- Dual voltage 110V/240V, 50/60 Hz supplies, auto switching
- Selectable vibrating frequency 50/100 Hz 60/120 Hz
- Internal setpoint using display, external with potentiometer
- Enable input 24 VDC or contact
- Integrated track control
- 24 VDC outputs for solenoid valve and timeout
- 24 VDC control signals for interlocking several units
- Operation via LED display and keypad
- All settings can be made externally



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# REOVIB MTS 441

## Microprocessor Thyristor System

The REOVIB MTS 441 is a single output controller for operating bowl, linear or hopper feeders. It can be adapted for half or full-wave output, 50/100 Hz (50 Hz supply) or 60/120 Hz (60 Hz supply).

The setpoint for the feeder throughput and all parameters are adjusted by using the keypad in the front panel.

User and factory settings can be stored and recalled. Track sensor control is integrated for 24 V PNP sensors with light/dark operate and timing delays. There is a 24 V solenoid output an enable input and a status output which can be used for interlocking with other controllers. The unit can also be set up for use with a single-phase AC motor.

The MTS 441 is fitted with a power switch, an input power supply lead, an output sockets and connectors for control signals. An integrated fuse provides short circuit protection for the internal semiconductors.

Type	REOVIB MTS 441
ID NR.:	44115
Supply voltage:	110 V, 240 V $\pm$ 10 %, 50/60 Hz
Output:	0...100 V / 0...210 V, max. 6 A
Pulsed output:	Pulse duty cycle 0...60 sec
Vibrating frequency:	selectable 50/100 Hz (50 Hz supply) 60/120 Hz (60 Hz supply)
Setpoint:	Internal via display External with 0...+ 10 V DC 0(4)...20 mA, potentiometer 10 k $\Omega$
Enable:	24 V DC or contact
Track control:	Internal supply 24 V DC for PNP sensor Adjustable time delays (invertible)
Soft start/Soft stop:	0...10 sec
Time delay for On/Off switching:	0...60 sec
5 outputs: 24 V DC	Supply, enable status, On/Off, solenoid valve, timeout
Status relay:	Changeover contact (250 V, 1 A)
Operating temperature:	0...+45 °C
Protection class:	IP 54

