



Replaces Horiba Twin Roll & 48" LDV/MDV/HDV Dynamometer Power Converters

This upgrade replaces the discontinued Baldor/SWEO drives found in older series Power Converters. It involves a complete replacement of either the Power Converter backplane or complete cabinet. The ratings of the system can also be increased at the customer's request.

Upgrade includes:

- New Cabinet or Back panel
- Siemens Sinamics Drives for both the Bearings motors and Main Motor
- New Breaker, Contactors & Relays

Features:

- Non-regulated infeed / regenerative feedback unit utilizing IGBT technology
- Insensitive to line voltage dips (fuses do not blow)
- Regenerative feedback without inverter commutation faults by using IGBT modules
- Switching losses can be avoided as a result of the higher utilization of the IGBT modules
- Pre-charging is externally implemented using line-side contactors and resistors



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