

Consumables forms of CTL

Part Name	Specification	Material / Brand	Replacement Cycle	Notes
Upper Shear Blade	Cr12MoV	Hardened Steel	6 - 12 months	Edge wear
Lower Shear Blade	Cr12MoV	Hardened Steel	6 - 12 months	Edge wear
Leveler Work Rolls	Per machine model	GCr15 / HRC 60±2	6 - 18 months	Surface wear / dents
Leveler Backup Rolls	Per machine model	GCr15	12 - 24 months	Rolling fatigue
Encoder	Per machine model	Omron	12 - 24 months	Accuracy drop
Photoelectric Sensor	Per machine model	Omron	12 - 18 months	Sensitivity drop
Proximity Switch	Per machine model	Omron	12 - 18 months	False triggering
Relay	Per machine model	Schneider / Omron	12 - 24 months	Contact erosion
Contactactor	Per machine model	Schneider	12 - 24 months	Contact wear
Leveler Bearings	Per machine model	SKF / NSK	Vibration > 4.5 mm/s	High-speed wear
Leveler Oil Seals	Per machine model	Industrial	8 - 12 months	Leakage prevention
Timing Belt	Per machine model	Rubber	6 - 12 months	Stretching / cracking
Coupling Elastomer	Standard	Industrial	12 months	Aging / tearing
Hydraulic Cylinder Seal Kit	OEM	NBR / FKM	8 - 12 months	Internal/external leakage
Hydraulic Filter Element	Standard	Industrial	3 - 6 months	Pressure drop increase
Conveyor Belt	PVC / Rubber	Industrial Grade	12 - 24 months	Wear / tearing
Conveyor Chain	Standard Chain	Alloy Steel	12 months	Elongation
Conveyor Roller Bearings	Standard	Steel	When noise occurs	—
Shear Motor Belt	Per machine model	Rubber	6 - 12 months	Slipping
Shear Motor Bearings	Standard	NSK	When noise occurs	High-speed component
Electrical Cabinet Fan	Standard	Metal Bearing	12 - 18 months	Airflow reduction