

# CHAIN TURNERS



**Quality Engineering,  
Rugged Construction,  
Dependable Sawmill Equipment.**



# HMC Hydraulic Chain Turners

HMC Hydraulic Chain Turners are rugged production turners designed for turn-down and turn-up operation. The turner arm is constructed of a heavy side plate weldment, pivoting on pillow block bearings. A manual 2 spool valve controls the hydraulic cylinder for arm movement and hydraulic motor for chain rotation.

Four models are available. The CT-11 and CT-40 are designed for standard production requirements, while the CT-12 and CT-50 are built for heavy duty applications. The CT-40 and CT-50 turners are constructed with dual bar cylinders, thus no pit is required for installation.

SPECIFICATIONS	CT-11	CT-40	CT-12	CT-50
Hydraulic Cylinder	2" bore x 20" stroke with 1-3/8" rod	Dual 2" bore x 14" stroke with 1-1/8" rods	2-1/2" bore x 23" stroke with 1-3/4" rod	Dual 2" bore x 14" stroke with 1-1/8" rods
Hydraulic Motor	10 cu. in. Geroler® motor	10 cu. in. Geroler® motor	15 cu. in. Geroler® motor	15 cu. in. Geroler® motor
Hydraulic Valve	27 gpm 2 spool mono-block (standard) 27 gpm 4 spool mono-block (optional)	27 gpm 2 spool mono-block (standard) 27 gpm 4 spool mono-block (optional)	27 gpm 2 spool mono-block (standard) 27 gpm 4 spool mono-block (optional)	27 gpm 2 spool mono-block (standard) 27 gpm 4 spool mono-block (optional)
Arm Side Plate Thickness	1/2"	1/2"	3/4"	3/4"
Arm Pivot Shaft Diameter	1-15/16"	2-3/16"	2-3/16"	2-3/16"
Arm Reach	52"	40" on short arm 52" on long arm	54"	44" on short arm 54" on long arm
GPM Required	18-22 gpm at 1,000 psi	18-22 gpm at 1,000 psi	22-26 gpm at 1,000 psi	22-26 gpm at 1,000 psi
Drive Chain	#60 roller chain	#60 roller chain	#80 roller chain	#80 roller chain
Turner Chain	#120 SU high tensile	#120 SU high tensile	#160 SU high tensile	#160 SU high tensile



## HMC Corporation

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