COMBINATION CHAIN

Moline Combination Chain is used extensively in the cement, paper and pulp, quarrying, and mining industries for elevating and conveying a wide variety of abrasive and non-abrasive materials. It is also finding many uses in general industrial assembly conveyors. It is not recommended for drive chain.

The construction of Moline Combination Chain can be either cottered or riveted. Cottered is normally considered standard. Pins have flat areas at their ends, which lock into the appropriately punched sidebars, preventing pin rotation during chain operation. All pin holes are clean-cored for smooth bearing surfaces and are dimensioned for proper pin clearance. Industry dimensional standards are rigidly maintained and this chain may be interchanged with links of other manufacturers.

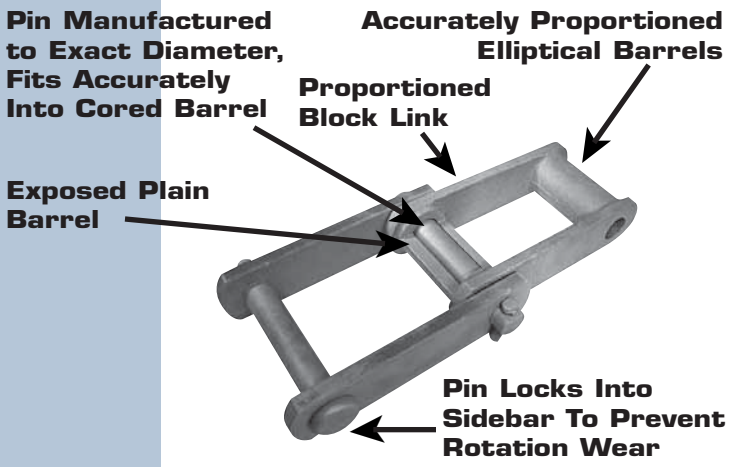
Pitch sizes range from 1.631 to 6.050 inches; tensile strength range extends from 12,150 to 67,500 pounds. All Moline Combination block links except C55 and C55L have elliptical barrels. This adds extra metal where the sprocket to chain contact causes most chain wear.

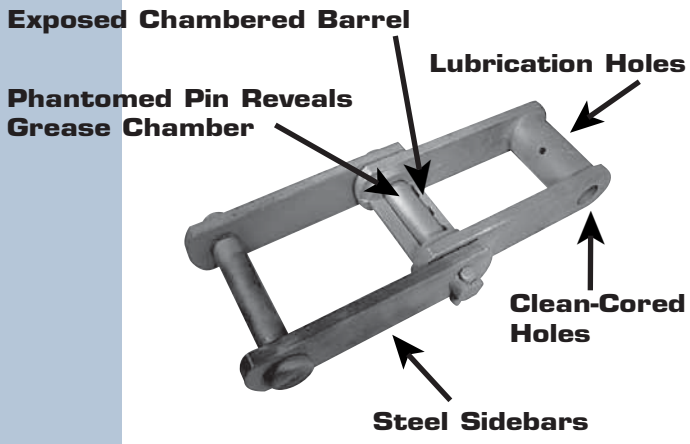
MBP 132C has chambered barrels containing grease which lubricates pins, helps to avoid joint freezing, and prohibits entry of corrosive and abrasive material into the barrel core.

Attachments are available in many of the pitch sizes for a wide range of applications.

Combination links are symmetrical and may therefore be operated in either direction of travel.

Brutaloy and cast steel sprockets are available for each pitch size.





COUPLER LINKS FOR COMBINATION CHAIN

Coupler links are required for joining chain where no take-up is available. Each chain pitch size has a Promal cast off-set sidebar coupler link available for this purpose.

COMBINATION CHAIN MATERIALS

MOLINE CHAIN NO.	MATERIALS		
	BLOCK LINKS (Inside Links)	SIDEBARS (Outside Links)	PINS
C55		Carbon Steel, Heat Treated	
C 55L		Carbon Steel, Heat Treated	
C 60		Carbon Steel, Heat Treated	
C 77		Carbon Steel, Heat Treated	
C 102B		Carbon Steel, Heat Treated	
C 1021/2	ALL NUMBERS	Carbon Steel, Heat Treated	ALL NUMBERS
C 110		Carbon Steel, Heat Treated	
C 111		Carbon Steel, Heat Treated	
C 111C		Carbon Steel, Heat Treated	
C 131		Carbon Steel, Heat Treated	
C 132	MOLINE PROMAL	Carbon Steel, Heat Treated	Carbon Steel, Heat Treated
MBP 132		Carbon Steel, Heat Treated	
MBP 132C		Carbon Steel, Heat Treated	
PW 132		Carbon Steel, Heat Treated	
C 133		Carbon Steel, Heat Treated	
C 188		Carbon Steel, Heat Treated	
BRH 188		Carbon Steel, Heat Treated	

WEIGHTS OF COMBINATION CHAIN PARTS

MOLINE CHAIN NO.	AVERAGE WEIGHT IN LBS.			
	COUPLERS	PLAIN BLOCK LINKS	STEEL PINS WITH COTTERS	STEEL RIVETS
C 55	0.3	0.3	0.1	0.1
C 77	0.4	0.4	0.1	0.1
C 102B	1.9	1.8	0.4	0.4
C 110	2.6	3.1	0.4	0.4
C 111	3.3	3.5	0.7	0.7
C 132	6.1	6.0	1.5	1.5
MBP 132	6.1	8.2	1.5	1.5
MBP 132C	6.1	8.2	1.5	1.5
PW 132	6.1	9.8	1.5	1.5
C 188	0.7	0.7	0.2	0.2
BRH 188	0.7	1.2	0.2	0.2