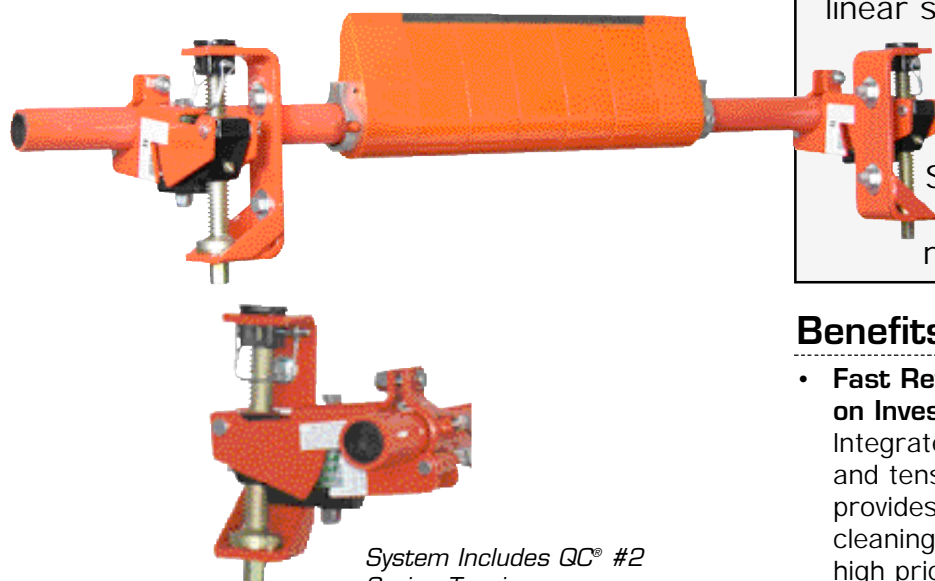


# QC® #2 Belt Cleaning System



Form No. L3452-4/04

## TECHNICAL DATA



System Includes QC® #2  
Spring Tensioners

Martin Engineering's QC® #2 Secondary Belt Cleaning System combines a unique teardrop-shaped blade and linear spring tensioners for effective cleaning performance at an economical price.

The QC® #2 Belt Cleaning System is the first secondary cleaner with one-pin blade replacement.

## Benefits

- Fast Return on Investment**  
 Integrated cleaner and tensioner system provides effective cleaning without a high price tag, providing a prompt payback.
- Cuts Blade Service Costs**  
 Blade change is a fast and easy, one-pin procedure. Blades are preloaded onto a belt-width cartridge, so one worker can quickly replace blade.
- Maintains Effective Cleaning**  
 Individual 3-inch (76-mm) wide blades independently conform to profile of moving belt.
- Won't Damage Belt or Splice**  
 System absorbs splice shock to safeguard belt, splice, and cleaner. Linear relief is built into the spring tensioner; urethane blades absorb radial shock.
- Saves on Maintenance Expenses**  
 Tungsten carbide blade tips last a long time, reducing costs for service downtime, labor, and replacement parts.

## Specifications

Maximum Belt Speed	1000 fpm (5.1 m/sec)
Maximum Service Temperature	Continuous -20° to 160°F (-29° to 71°C)
P/N	35700-XXXXXX
Blade Wear Life	1/2 inch (13 mm)

## Nomenclature

BLADE OPTION	URETHANE COLOR		CYA® DOOR
T for Tungsten Carbide	BR for Brown	GR for Green	D for Door Included
S for Stainless Steel	NB for Navy Blue	CL for Clear	Blank for No Door
C for Ceramic	Blank for Orange		

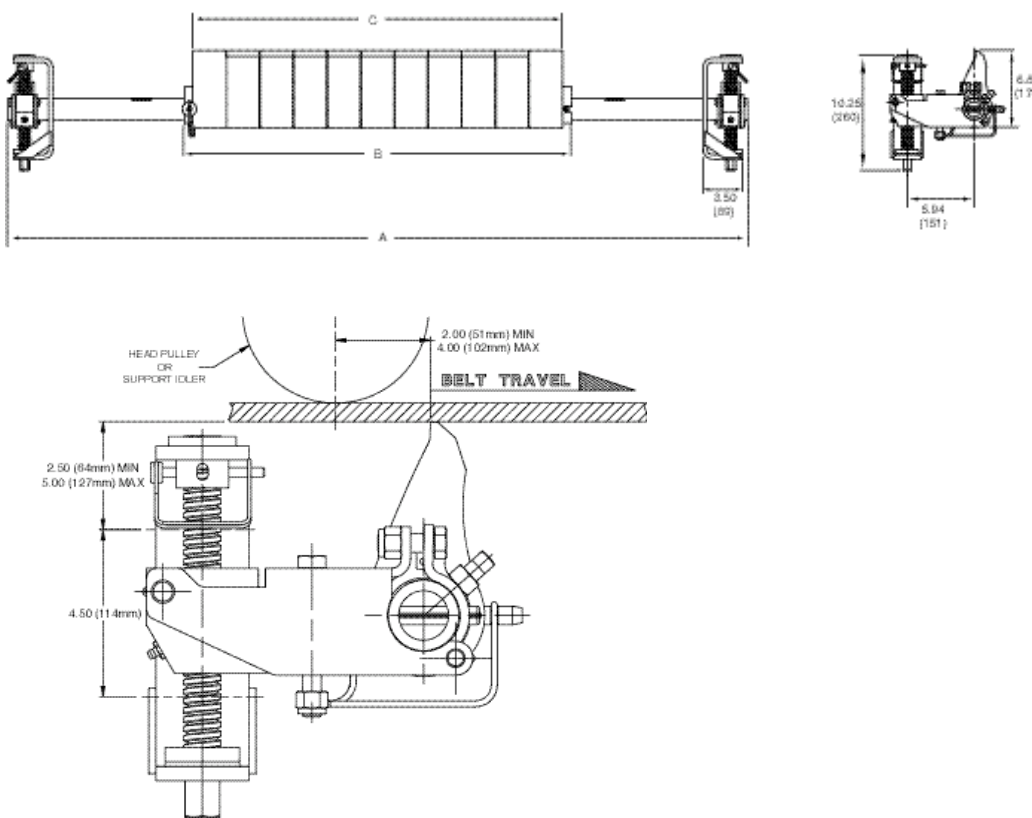
P/N: **35700-XXXXXX**

P/N 5-Digit Prefix —  
 Belt Width (inches) —  
 Blade Option —  
 Urethane Color —  
 CYA® Door —

## Dimensions

Part No.	Dim. A in. (mm)	Dim. B in. (mm)	Dim. C in. (mm)	Wt. lb (kg)
35700-18TXX	48.0 (1219)	16.5 (419)	15.0 (381)	55.3 (25.1)
35700-24TXX	54.0 (1372)	22.5 (572)	21.0 (533)	61.9 (28.1)
35700-30TXX	60.0 (1524)	28.5 (724)	27.0 (686)	68.4 (31.0)
35700-36TXX	66.0 (1676)	34.5 (876)	33.0 (838)	75.0 (34.0)
35700-42TXX	72.0 (1829)	40.5 (1029)	39.0 (991)	81.6 (37.0)
35700-48TXX	78.0 (1981)	46.5 (1181)	45.0 (1143)	88.1 (39.9)
35700-54TXX	84.0 (2134)	52.5 (1334)	51.0 (1295)	94.7 (42.9)
35700-60TXX	90.0 (2286)	58.5 (1486)	57.0 (1448)	101.2 (45.9)
35700-66TXX	96.0 (2438)	64.5 (1638)	63.0 (1600)	107.8 (48.9)
35700-72TXX	102.0 (2591)	70.5 (1791)	69.0 (1753)	114.3 (51.8)
35700-84TXX	114.0 (2896)	82.5 (2096)	81.0 (2057)	127.5 (57.8)
35700-96TXX	126.0 (3200)	94.5 (2400)	93.0 (2362)	140.6 (63.8)

Replacement blades for the QC® #2 Belt Cleaner are available as assemblies mounted on the cartridge extrusion only; they are not sold as individual blades.



## Order Information

Blade coverage is belt width minus 3 inches (76 mm). To protect belt edges, first blade on each end of cleaner assembly does not have tungsten carbide tip.

## Application Notes

Martin Engineering recommends that the QC® #2 Secondary Belt Cleaning System be installed so the cleaning blade contacts the belt at a point 2 to 4 inches (51 to 102 mm) after the point where the belt leaves the head (discharge) pulley. If obstructions prevent installation at this point, or if additional cleaners are desired, the cleaner should be installed 2 to 4 inches (51 to 102 mm) past the point where the belt leaves the support idler.

See your Martin Engineering representative for more information, or visit [www.martin-eng.com](http://www.martin-eng.com).

