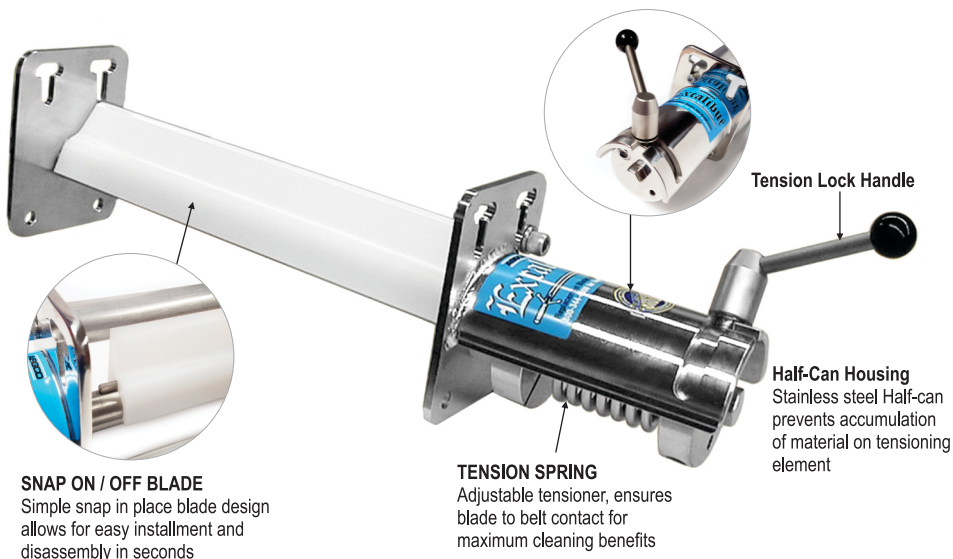# Excalibur®

ASGCO — Complete Conveyor Solutions

Food Grade Conveyor Belt Cleaner

Sanitary and Safe Light Weight Belt Cleaner

Excalibur® is a patented belt cleaning system that uses a unique blade, holder and tensioning mechanism. Excalibur® is particularly suited for light duty thermoplastic belts with widths from several inches to 10'. Excalibur® is designed and configured to meet the most stringent sanitary requirements of the food manufacturing industry and uses USFDA and USDA approved materials. In fact, no other cleaner offers these crucial operational features, saving customers money while assuring safe, high quality manufacturing.

Tension Lock Handle

Half-Can Housing
Stainless steel Half-can prevents accumulation of material on tensioning element

SNAP ON / OFF BLADE
Simple snap in place blade design allows for easy installment and disassembly in seconds

TENSION SPRING
Adjustable tensioner, ensures blade to belt contact for maximum cleaning benefits

BENEFITS & FEATURES

- Works great on flexible modular plastic table top conveyor belting
- Meets all sanitary requirements
- Features a unique blade, holder and tensioning mechanism
- Many blade materials available
- Disassembly in less than a minute.

- No tools are needed to install, replace blades or to disassemble
- Precision tension selection with torsion spring tensioner
- Primary & Secondary mounting locations
- One year full warranty on tensioner
- Corrosion resistant electro-polished, 300 series stainless steel

EU Food Contact Regulation

Article 15 of the Framework Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food specifies the labelling requirements.
It says that food contact materials shall be accompanied by the words "for food contact" or this symbol, unless when it is obvious that the article is for food contact.

USDA
FDA Approved, USDA Certified, EU 1935/2004 Compliant

Designed to meet the strict sanitary guideline established for food processing operations. FDA approved materials and certified by the United States Department of Agriculture for use with meat and poultry, as well as dairy, for facilities requiring USDA accepted equipment in their operations.
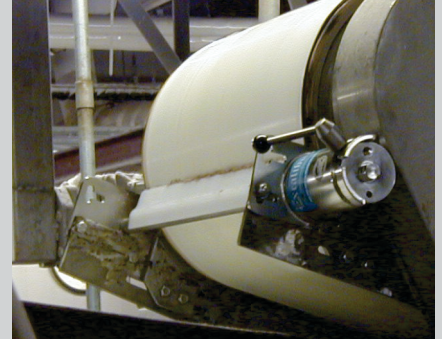
Excalibur®

Excalibur® Snap-On Replacement Blades

01. UHMW Natural

02. UHMW Long Neck

03. UMHW Blue

04. Nylon Blade

05. Metal Detectable

Works Great on Flexible Modular Plastic Table Top Conveyor Belting

Mounting Plate

Snap-On Blade

Blade Holder
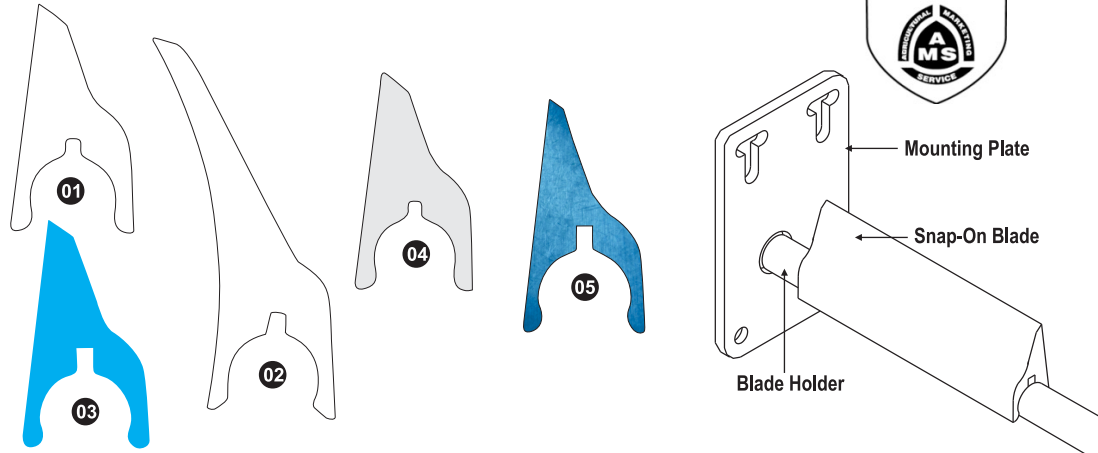
Specifications:

- **Temperature Range**
  UHMW: -20°F to 140°F (-29°C to 60°C)

- **Blade Height**
  3" (76mm)

- **Blade Width Range**
  4" to 120" (102 to 3048mm)

- **Pole/Mounting Material**
  304 Stainless Steel

- **Blade Hardness**
  UHMW: 63D Shore Hardness
  Urethane 85A Shore Hardness

- **Pulley Diameter Range**
  -1" to 8"+ (25 to 457mm)

- **Blade Material**
  Food-grade UHMW

FRAME OUTER WIDTH
BELT WIDTH
FRAME INNER WIDTH
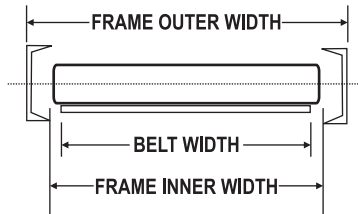
Selecting Installation:

When the Excalibur® is mounted on the Head Pulley, this is referred to as the Primary Orientation. This will aid in dislodging fugitive material from the belt and is very effective.

On some conveyors, lack of space at the Head Pulley may result in the need to position the Excalibur® at a Secondary Location. All procedures are the same as preparing for the Primary Installation except the position is Secondary and there is no "N" Dimension involved.

HEAD PULLEY

PRIMARY

AGGRESSIVE SECONDARY   PASSIVE SECONDARY

Side View of Conveyor
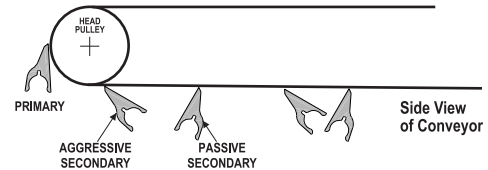
Excalibur® Belt Cleaning System

Part Number	Blade Width in	mm	Wt. Lbs.	Part Number	Blade Width in	mm	Wt. Lbs.
M-EXSC-01-*H-012.0	12	304	10	M-EXSC-01-*H-031.0	31	787	15
M-EXSC-01-*H-013.0	13	330	10	M-EXSC-01-*H-032.0	32	812	15
M-EXSC-01-*H-014.0	14	355	11	M-EXSC-01-*H-033.0	33	838	15
M-EXSC-01-*H-015.0	15	380	11	M-EXSC-01-*H-034.0	34	863	16
M-EXSC-01-*H-016.0	16	406	11	M-EXSC-01-*H-035.0	35	889	16
M-EXSC-01-*H-017.0	17	431	11	M-EXSC-01-*H-036.0	36	914	16
M-EXSC-01-*H-018.0	18	457	12	M-EXSC-01-*H-037.0	37	939	16
M-EXSC-01-*H-019.0	19	482	12	M-EXSC-01-*H-038.0	38	965	17
M-EXSC-01-*H-020.0	20	508	12	M-EXSC-01-*H-039.0	39	990	17
M-EXSC-01-*H-021.0	21	533	12	M-EXSC-01-*H-040.0	40	1016	17
M-EXSC-01-*H-022.0	22	558	13	M-EXSC-01-*H-041.0	41	1041	17
M-EXSC-01-*H-023.0	23	584	13	M-EXSC-01-*H-042.0	42	1066	18
M-EXSC-01-*H-024.0	24	609	13	M-EXSC-01-*H-043.0	43	1092	18
M-EXSC-01-*H-025.0	25	635	13	M-EXSC-01-*H-044.0	44	1117	18
M-EXSC-01-*H-026.0	26	660	14	M-EXSC-01-*H-045.0	45	1143	18
M-EXSC-01-*H-027.0	27	685	14	M-EXSC-01-*H-046.0	46	1168	20
M-EXSC-01-*H-028.0	28	711	14	M-EXSC-01-*H-047.0	47	1193	20
M-EXSC-01-*H-029.0	29	736	14	M-EXSC-01-*H-048.0	48	1219	20
M-EXSC-01-*H-030.0	30	762	15	M-EXSC-01-*H-049.0	49	1244	20

Excalibur® Blade Width 54-1/2"

Part Number	Blade Width in	mm	Wt. Lbs.	Part Number	Blade Width in	mm	Wt. Lbs.
M-EXSC-01-*H-043.0R	43	1092	29	M-EXSC-01-*H-062.0	62	1575	34
M-EXSC-01-*H-044.0R	44	1117	29	M-EXSC-01-*H-063.0	63	1600	34
M-EXSC-01-*H-045.0R	45	1143	29	M-EXSC-01-*H-064.0	64	1625	34
M-EXSC-01-*H-046.0R	46	1168	29	M-EXSC-01-*H-065.0	65	1651	34
M-EXSC-01-*H-047.0R	47	1193	29	M-EXSC-01-*H-066.0	66	1676	36
M-EXSC-01-*H-048.0R	48	1219	29	M-EXSC-01-*H-067.0	67	1702	36
M-EXSC-01-*H-049.0R	49	1244	29	M-EXSC-01-*H-068.0	68	1727	36
M-EXSC-01-*H-050.0	50	1270	29	M-EXSC-01-*H-069.0	69	1753	36
M-EXSC-01-*H-051.0	51	1295	30	M-EXSC-01-*H-070.0	70	1778	36
M-EXSC-01-*H-052.0	52	1320	30	M-EXSC-01-*H-071.0	71	1803	36
M-EXSC-01-*H-053.0	53	1346	30	M-EXSC-01-*H-072.0	72	1829	38
M-EXSC-01-*H-054.0	54	1371	30	M-EXSC-01-*H-073.0	73	1854	38
M-EXSC-01-*H-055.0	55	1397	30	M-EXSC-01-*H-074.0	74	1880	38
M-EXSC-01-*H-056.0	56	1422	32	M-EXSC-01-*H-075.0	75	1905	38
M-EXSC-01-*H-057.0	57	1447	32	M-EXSC-01-*H-076.0	76	1930	38
M-EXSC-01-*H-058.0	58	1473	32	M-EXSC-01-*H-077.0	77	1956	38
M-EXSC-01-*H-059.0	59	1498	32	M-EXSC-01-*H-078.0	78	1981	38
M-EXSC-01-*H-060.0	60	1524	32	M-EXSC-01-*H-079.0	79	2006	38
M-EXSC-01-*H-061.0	61	1549	34				

Substitute the * in the part number for one of the following: "R" (Right Hand) or "L" (Left Hand)

Need Solutions... *to improve efficiency, safety and productivity?* ***ask...* ASGCO®**

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