



Electronic Service Manuals

This electronic document is provided as a service to our customers. We do not create the contents of the information contained in this document. Should you have detailed questions pertaining to the information contained in this document, you may contact Michco, or the manufacturer which provided the original information in this electronic deliverable. Michco's only part in this electronic deliverable was the electronic assembly process. By providing this manual online we are not guaranteeing parts availability.

You may contact Michco through the following methods:

Phone (517) 484-9312

2011 N. High St. -- Lansing, Michigan -- 48906

Fax: (517) 484-9836

Email: CustomerService@Michco.com

Website: www.Michco.Com

Order Parts online at:

www.Michco.Com

Directly to Parts & Service:

By Email: **CustomerService@Michco.com**

By Fax: (517) 484-9836

By Voice: (517) 484-9312

Serving the Cleaning Industry Since 1922

Notice: All copyrighted material remains property of original owners, all trademarks are property of respective owners. Manuals are subject to Manufacturer's reproduction limitations. Originals or reproductions were provided by manufacturers through a request. We make no warranty as to the correctness of information provided in this document and you assume all risk. By placing these manuals on line we are not declaring our corporation to be an manufacturer authorized dealer or provider, please check our web site for authorized manufacturers we represent.

TOUGHMAN™

Item #87059-00

21" Battery Powered Strip Machine

FEATURES

- Orbital stripping action improves productivity
- Easy walk behind operation, no side torque
- Offset design allows stripping in hard to reach areas and along the baseboards
- Virtually puts an end to solution splash
- Heavy scrub grouted and concrete surfaces

Betco's Toughman™ battery powered strip machine features a super compact design providing unmatched maneuverability. This machine is ideal for stripping both small and large areas. Powered by two 12-volt gel batteries, the Toughman™ strip machine is perfect for use in all types of facilities including schools, hospitals, nursing homes or any facility that does not allow the use of propane powered equipment.

WARRANTY

Imperial motor: 1 year
Other components: 3 year*

*Please refer to Betco Equipment Price/Product Guide for complete equipment warranty information.

*SN
Back top
right hand area.*



SPECIFICATIONS

- Strip path: 21"
- Motor: 1.5 hp Imperial
- Hour meter: Yes
- Brush pressure: 145 lbs.
- Pad speed: 1200 Orbs/minute
- Handle grips: Anti-fatigue
- Deck: Steel and fiberglass
- Volts: 24-volt system
- Batteries: 12-volt gel (2)
- Run time: Approximately 3 hours
- Length: 42"
- Width: 22"
- Height: 28"
- Weight: 245 lbs.
- Productivity: 7,500 sq.ft/hr.

APPLICATIONS

- Stripping
- Heavy scrubbing grouted floors and concrete

Authorized Betco Distributor:

Better Resources. Better Results.

BETCO®

1001 Brown Avenue • P.O. Box 3127 • Toledo, Ohio 43607-0127

©All Rights Reserved 5/03 • Item #87059-92 • email@betco.com • www.betco.com

Toughman™ 21" Battery Strip Machine

Parts Schematic

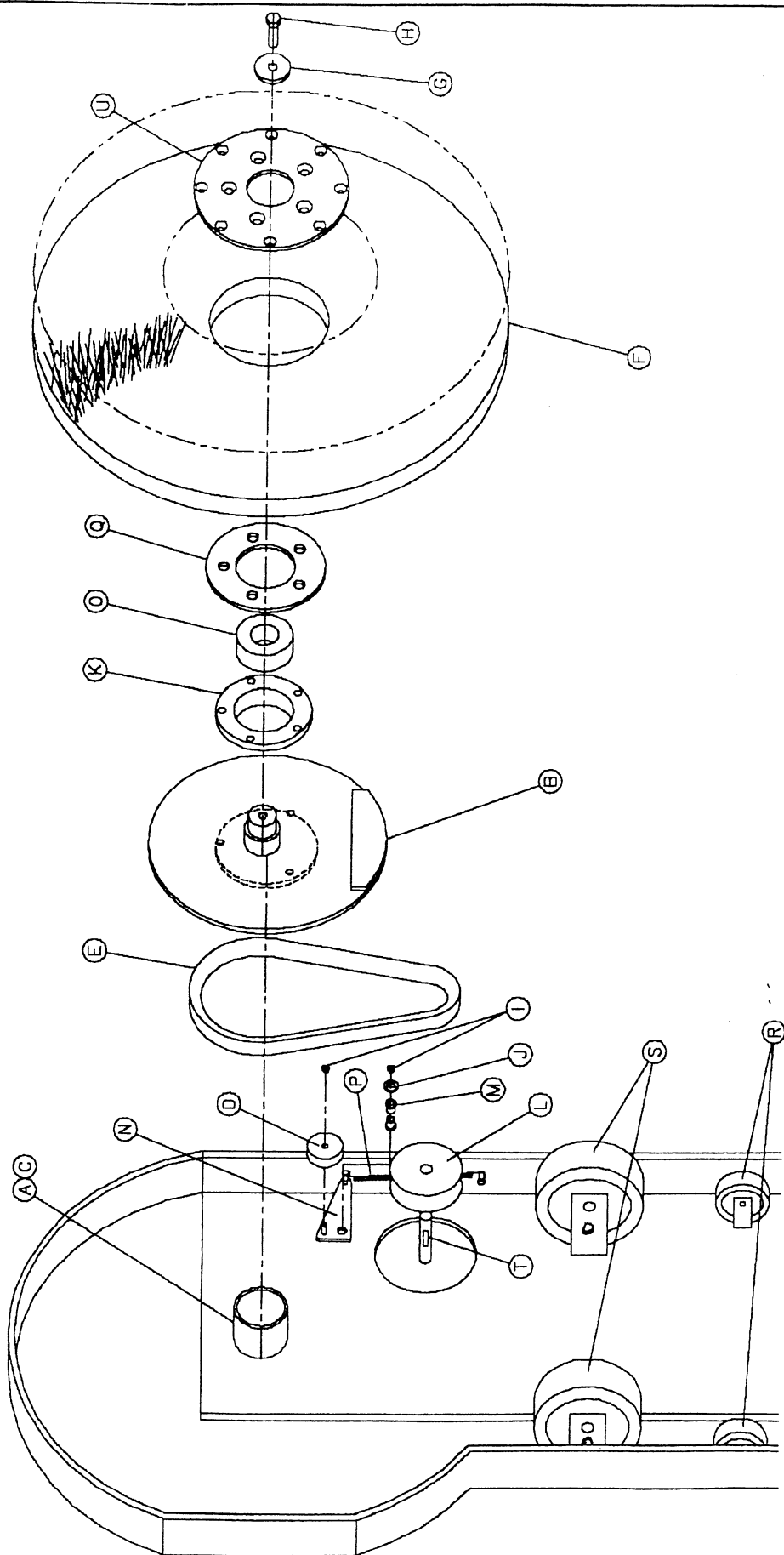
Item #87059-00



Chemicals
Equipment
Programs
Process



BATTERY TOUGHMAN PARTS SCHEMATIC



Part list for Toughman 21 Battery Stripper

Part	Description	Part Number	QTY	Notes
A	Bearing Capture	N/A	1	Part of Deck
B	Drive Shaft Assembly	E85465	1	Bearing, Shaft & Clips
C	Set Screw	E85471	1	1/4 x 20 x 1/2" Bolt
D	V-Idler Pulley	188-V42B	1	N/A
E	Drive Belt	E85185	1	113-L536 Alt ID
F	20" Brush Complete	E85608	1	201-20000SP Alt ID
G	Brush Holder Plate	E85187	1	024-700 Alt ID
H	Bolt	E85188	4	3/8" - 16 x 1 1/4 Bolt
I	Hex Nut	E81069	3	3/8" - 16 Hex Nut
J	Flat Washer	E81062	2	5/16" Flat Washer
K	Bearing Housing	E85612	1	024-100 Alt ID
L	Crank Pulley	E85462	1	172-BC36x7/8 Alt ID
M	Nylon Bushing	E85482	2	196-71200 Alt ID
N	Clutching Idler	024-962I	1	N/A
O	Bearing	E85613	1	024-200 Alt ID
P	Spring	173-7599-DWG	1	.085 - .75 (OD) x 7" Spring
Q	Spacer	E85197	1	024-300 Alt ID
R	Poly Wheel	E85473	2	3 x 1.25 Polyofin Wheel
S	5" Wheel	E85472	2	156-ACPLY-5J3 Alt ID
T	Key	E85463	1	1/4" Square Key
U	Brush Adapter Plates	E85189	1	024-400 Alt ID

Comp Shaft Assy - E85465
Sholder Bolt - E85475

Center Pad Lock - E85182
Handle Assembly - E85474

Handle Knob - E85178
Snap Ring - E85467