

SPADONE

RUGGED + RELIABLE

FOR OVER 100 YEARS

GUILLOTINES & BALE CUTTERS

White Sidewall Buffers & Sprayers | Vent Trimmers | Skivers | Bias Cutters | Guillotines
Alfa Shears | Web Handling | Trucks | Upgrade Kits | Spare Parts

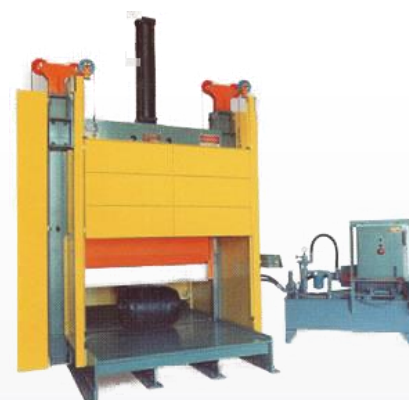
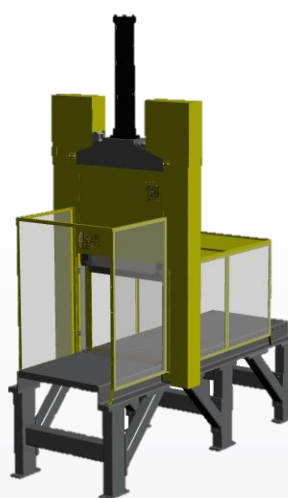
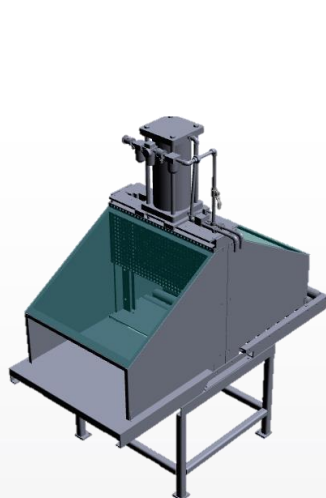


www.spadonemachine.com

Standard Models

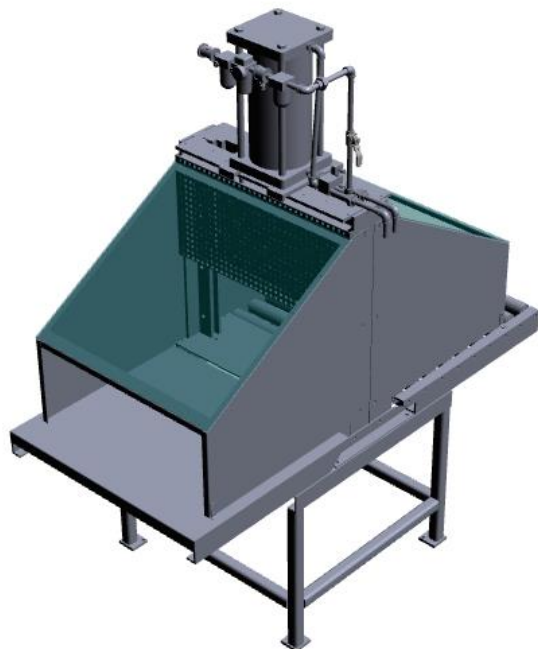
ANY APPLICATION. ANY SPECIFICATION.

	Pneumatic Model 24-10	Pneumatic Model 24-12	Hydraulic Model 24H	Hydraulic Model 29	Hydraulic Model 39	Hydraulic Model 51	Hydraulic Model 60	Hydraulic Model 72	Notes
Blade Length	26"			29"	39"	51"	60"	72"	n/a
Effective Cutting Width	24"	24"	24"	26"	36"	48"	57"	69"	Fixed
Cutting Stroke	14"	14"	14"	29"	39"	39"	47"	47"	Available per customer requirement
Knife Force	6,283 lbs. force at 80 psi	9,048 lbs. force at 80psi	14,726 lbs. force at 750 psi	25,132 lbs. force at 2,000 psi	49,000 lbs. force at 2,500 psi	70,686 lbs. force at 2,500 psi	96,200 lbs. force at 2,500 psi	125,644 lbs. force at 2,500 psi	Configurable to customer requirement
Force / Inch of Knife	262 lbs./in. for effective width	377 lbs./in. for effective width	614 lbs./in. for effective width	957 lbs./in. for effective width	1,361 lbs./in. for effective width	1,473 lbs./in. for effective width	1,688 lbs./in. for effective width	1,821 lbs./in. for effective width	n/a
Cylinder	10" Air Cylinder Standard	12" Air Cylinder Standard	5-inch Hydraulic Cylinder	4" bore, 30" stroke	5" bore x 40" stroke	6" bore x 40" stroke	7" bore x 48" stroke	8" bore x 48" stroke	Bore and stroke is configurable
Cut Cycle Time (down & up)	10 seconds approx.	10 seconds approx.	14 seconds approx.	18 seconds approx.	20 seconds approx.	24 seconds approx.	24 seconds approx.	24 seconds approx.	n/a
Recommended Maximum Pressure	100 psi	100 psi	1,000 psi	2,000 psi	2,500 psi	2,500 psi	2,500 psi	2,500 psi	Variable
Hydraulic Oil	n/a	n/a	Mobil DTE-26 or equivalent	Mobil DTE-26 or equivalent	Mobil DTE-26 or equivalent	Mobil DTE-26 or equivalent	Mobil DTE-26 or equivalent	Mobil DTE-26 or equivalent	n/a
Lubricating Oil	SAE-10-W	SAE-10-W	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Reservoir	n/a	n/a	Reservoir capacities from 40 gallon to 150 gallon						Variable
Motor Voltage	n/a	n/a	460V	460V	460V	460V	460V	460V	Variable
Controls Voltage	Air Logic	Air Logic	24vdc	24vdc	24vdc	24vdc	24vdc	24vdc	Fixed
Safety	Fixed Tunnel Guarding	Fixed Tunnel Guarding	Fixed Tunnel Guarding with options for interlocked access doors, safety mats, light curtains, etc.						n/a
Materials of Construction	Carbon steel with tool steel hardened blade, optional release coatings and stainless-steel construction available								n/a
Test Cutting	Material can be test cut by Spadone using pneumatic and hydraulic test cutter. Size limit 24" wide x 12" tall material.								n/a



RUGGED BY DESIGN. DESIGNED TO PERFORM.

24" GUILLOTINE



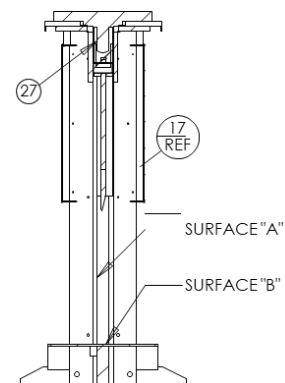
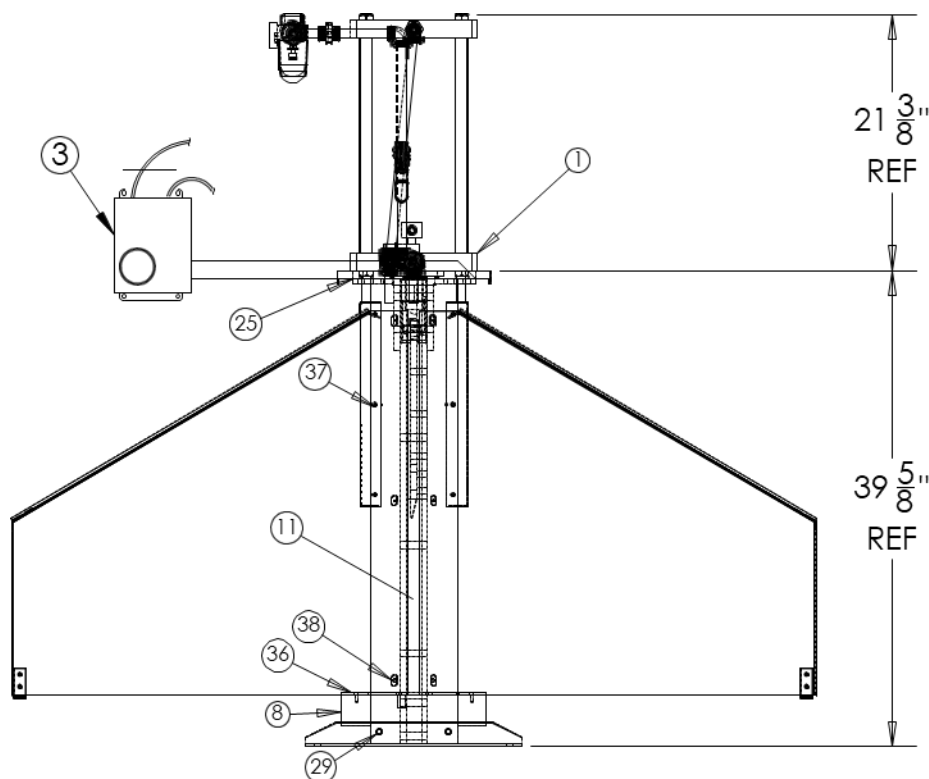
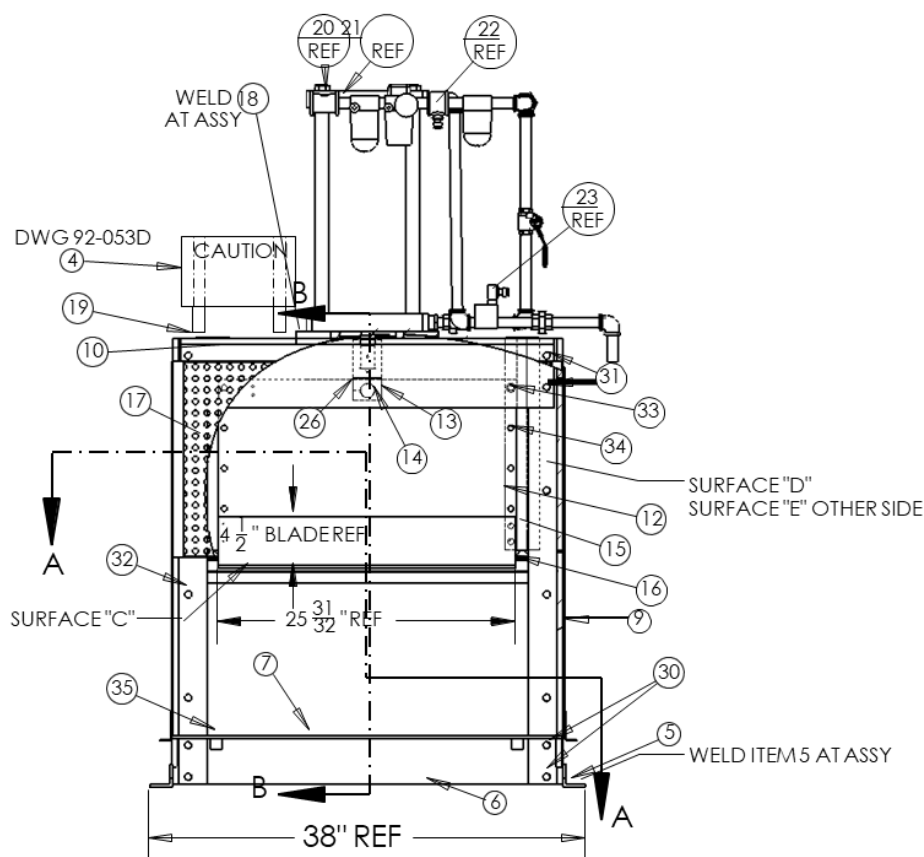
Technical Specifications

Spadone's Guillotines and Bale Cutters are designed for the most demanding applications. Since 1917, Spadone has manufactured rugged and dependable machines for many industrial applications. Spadone's Guillotines and Bale Cutters are used to cut tough, dense materials for which other cutting methods are inappropriate. Our most compact guillotine, the 24" Series Bench Bale Cutter, is a fully contained unit designed to cut natural and synthetic rubber bales, thick slab rubber, plastic purgings, films, foam resins, and other miscellaneous materials for recycling and reclamation purposes.

Features

- Air-operated or Hydraulic
- 24" wide cutting edge
- 14" cutting stroke
- High production capability
- Rugged and dependable
- Guarded for operator safety
- Fully-automatic or manual controls
- Compact design
- Anti-tie down controls
- Optional tunnel guarding
- Designed to customer specifications
- Delivers up to 15,000 lbs. of cutting force at 750 psi
- Infeed and outfeed rollers
- Various coatings available for tacky materials
- Larger bale cutters available ranging from 29-inch to 72-inch cutting widths and may be customized to meet specific requirement

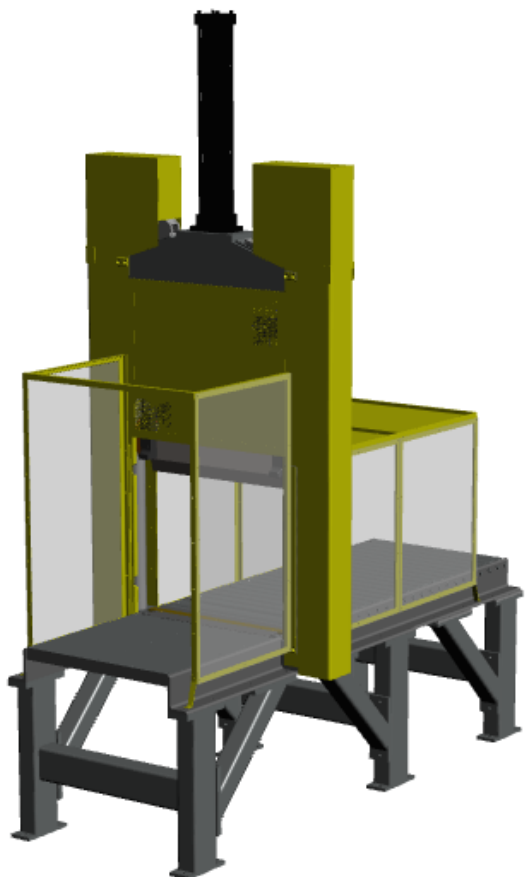
Illustrative Drawing



Specifications

Effective Cutting Width	24"
Cutting Stroke	14"
Knife Force	6,283 lbs. max. at 80 psi
Force / Inch of Knife	262 lbs./in. for full knife width
Cut Cycle Time (down & up)	10 seconds approx.
Air Pressure	80-100 psi
Volume of Air (compressor)	8 standard cubic feet at 80 psi per cutting cycle
Gross Weight	800 lbs.
Lubricating Oil	Any SAE-10-W
<i>Options: 24" Model</i>	
12-inch Air Cylinder	Delivers 9,048 lbs. force at 80psi
5-inch Hydraulic Cylinder	Delivers 14,726 lbs. force at 750 psi
Bench	With or without in-feed rollers
Stroke	Designed to customer specifications
Non-Stick Knife Blade	Various coatings available for tacky materials

29" GUILLOTINE



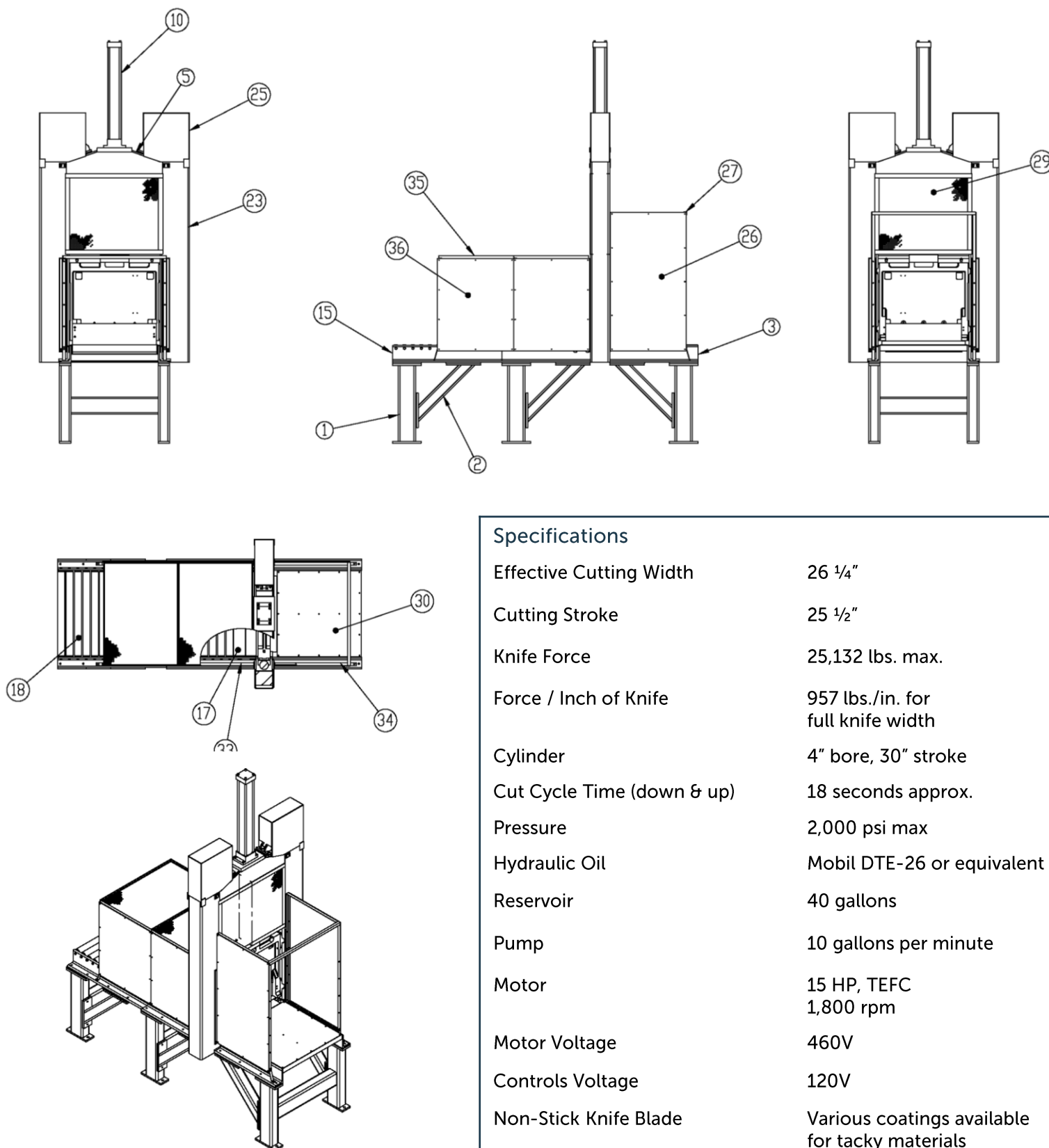
Technical Specifications

Spadone's Guillotines and Bale Cutters are designed for the most demanding applications. Since 1917, Spadone has manufactured rugged and dependable machines for many industrial applications. Spadone's Guillotines and Bale Cutters are used to cut tough, dense materials for which other cutting methods are inappropriate. The 29" Series Bench Bale Cutter, is a fully contained unit designed to cut natural and synthetic rubber bales, thick slab rubber, plastic purgings, films, foam resins, and other miscellaneous materials for recycling and reclamation purposes.

Features

- Hydraulically-operated
- 26 1/4" wide cutting edge
- 25 1/2" cutting stroke
- High production capability
- Rugged and dependable
- Guarded for operator safety
- Fully-automatic or manual controls
- Conserve floor space with hydraulic power unit positioned underneath the bench
- Anti-tie down controls
- Optional tunnel guarding
- Infeed and outfeed rollers
- Delivers over 25,000 lbs. of cutting force at up to 2,000 psi
- Outfeed gate or chute design
- Various coatings available for tacky materials
- Larger bale cutters available up to 72-inch cutting widths and may be customized to meet specific requirement

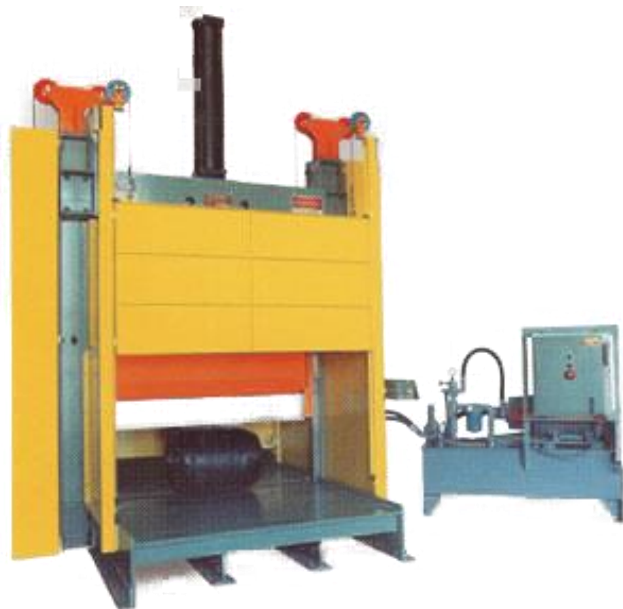
Illustrative Drawing



Specifications

Effective Cutting Width	26 1/4"
Cutting Stroke	25 1/2"
Knife Force	25,132 lbs. max.
Force / Inch of Knife	957 lbs./in. for full knife width
Cylinder	4" bore, 30" stroke
Cut Cycle Time (down & up)	18 seconds approx.
Pressure	2,000 psi max
Hydraulic Oil	Mobil DTE-26 or equivalent
Reservoir	40 gallons
Pump	10 gallons per minute
Motor	15 HP, TEFC 1,800 rpm
Motor Voltage	460V
Controls Voltage	120V
Non-Stick Knife Blade	Various coatings available for tacky materials

60" GUILLOTINE



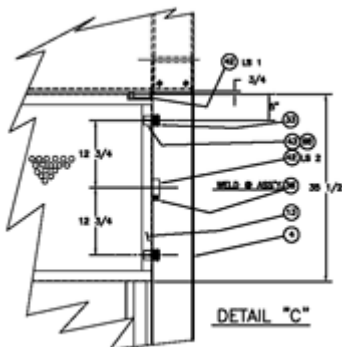
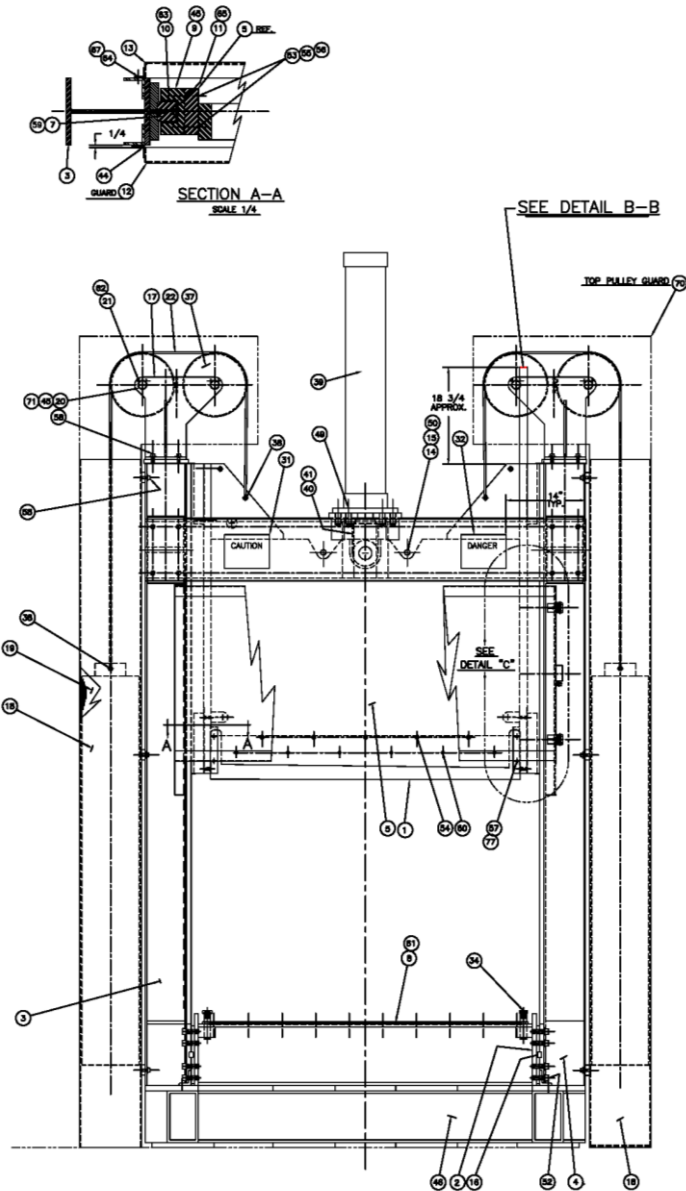
Technical Specifications

Spadone's Guillotines and Bale Cutters are designed for the most demanding applications. Since 1917, Spadone has manufactured rugged and dependable machines for many industrial applications. Spadone's Guillotines and Bale Cutters are used to cut tough, dense materials for which other cutting methods are inappropriate. The 60" Series Bale Cutter, is a fully contained, hydraulically-operated unit designed to cut natural and synthetic rubber bales, thick slab rubber, plastic purgings, films, foam resins, and other miscellaneous materials for recycling and reclamation purposes.

Features

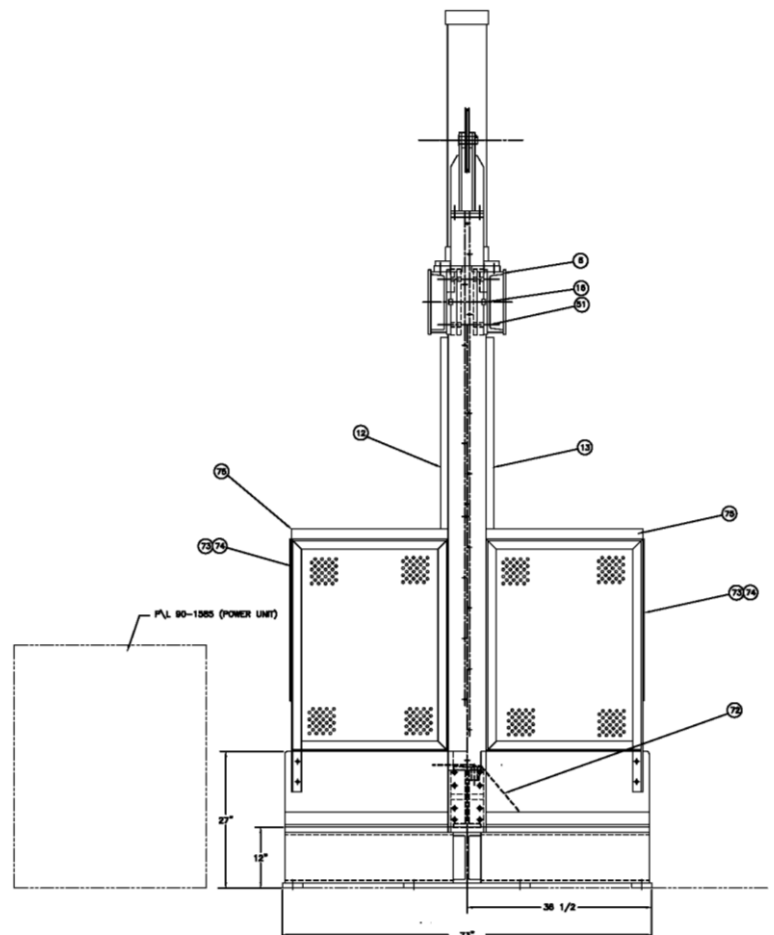
- Hydraulically-operated
- 57" wide cutting edge
- 40" cutting stroke
- High production capability
- Guarded for operator safety
- Fully-automatic or manual controls
- Rugged and dependable
- Anti-tie down controls
- Counterweighted knife carriage
- Delivers 125,644 lbs. of cutting force at up to 2,500 psi
- Various coatings available for tacky materials
- Larger bale cutters available and configurable to meet specific requirements

Illustrative Drawing



Specifications

Effective Cutting Width	57"
Cutting Stroke	40"
Knife Force	125,644 lbs.
Force / Inch of Knife	1,821 lbs./in. for effective knife width
Cut Cycle Time (down & up)	20 seconds approx.
Pressure	2,500 psi max
Hydraulic Oil	Mobil DTE-26 or equivalent
Reservoir	40 gallons
Motor Voltage	460V
Controls Voltage	120V
Non-Stick Knife Blade	Various coatings available for tacky materials



ACCESSORIES & PARTS

Filter Carts

Spadone Filter Carts provide a convenient & easy way to transfer and filter various types of oil. Use it with your in-plant machinery and hydraulic applications to remove particles and water from your system. Dual Filter setup provides both particle removal and water removal. Easy change of filters to accommodate the cart to your needs. Features a 1HP 120 volt motor to drive 6gpm gear pump provides efficient fluid transfer and filtration. High wheeled for easy moving, clear PVC hoses with ball valve shutoffs and quick disconnects for easy storage.



Conveyor Systems & Chutes

Specialized infeed & outfeed conveyor systems available for automated feed configurations as well as manual setups.



Spare Parts

Spadone offers a full-line of replacement parts for all equipment. Customer service representatives are ready to assist, ensuring you get the part you need - when you need it.



Equipment Repair, Refurbishment & Service

Extend the life of your investment through factory repair and refurbishment, bringing your equipment to like-new condition.

- Rebuild technician specifically trained on refurbishing or servicing Spadone equipment.
- Spadone offers support and services on equipment installations throughout the world.

COMMENTARY

Designed to yield a low maintenance, low cost, long lasting impact to any cutting procedure

- Standardized cutter materials and weld patterns that have been developed over 100 years of material cutting industry service allow for consistent overall dimension tolerances and repeatable cuts on the hardest natural or synthetic rubbers and plastics.
- Fully welded cutter frames with casted sub-components (where necessary) ensure long equipment lifespan thereby minimizing replacement costs and increasing utilization. Any consumable components are designed for easy replacement and quick procurement.
- Spadone's vast amount of industry experience and product testing have perfected the design of pneumatic and hydraulic cutters to accommodate a maximum cut width of 72" and a maximum cutting height of 48". We have engineered a great deal of flexibility into our cutters for simple integration into preexisting systems as well as the capability to suit any customer need or request.

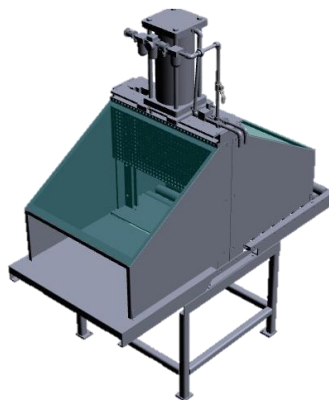
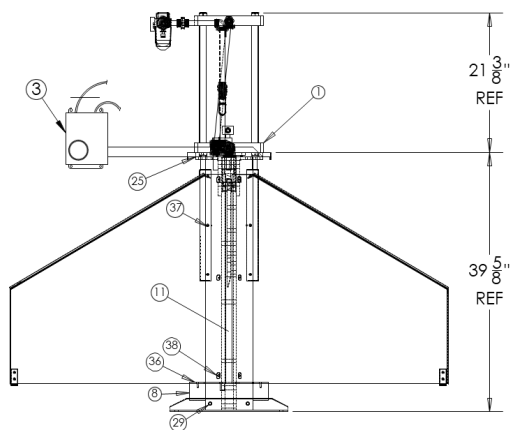
Designed to effortlessly perform cutting processes and integrate into any customer operation

- Spadone Cutters are available options for connection both static and electrically powered in-feed and out-feed conveyance operations which can be vital for cutting material at constant or variable index lengths.
- Standard design packages supply a two-push button system using anti-tie down logic which requires both buttons be depressed simultaneously for operation thereby removing any chances for operator pinch points. Signal actuated systems are also available to connect cutter operations with customer line controls.
- Along with the anti-tie down logic, all cutters are supplied standard with machine guarding for operator safety. Machine guarding is framed in steel with clear paneling; or can be customized to the customer's specifications and company guidelines. Additional safety parameters such as light curtains and pull cords are available upon request.
- Cutter equipment placement allows for a small, compact footprint. Hydraulic units can be installed underneath the cutter thus reducing a need for locating components outside of the cutter floor space.
- All bale cutters are delivered turnkey with mechanical, electrical, and pneumatic drawings and bill of materials for simple installation on field and to allow quick procurement of any spare or replacement parts.

COMMENTARY

Manufacturing Excellence since 1917

- Spadone has vast experience in manufacturing and designing cutters for over 100 years and deep understanding of industry needs relative to all applications. Spadone guillotines and bale cutters have been used in the rubber & tire industry to cut natural and synthetic rubber bales as well as thick slab rubber. Additional applications include plastic purging, films, foam resins, and chopping miscellaneous materials for recycling/reclamation purposes. We have experienced people who can offer solutions to any problems or issues concerning our bale cutters such as offering programmable indexing conveyors, static and/or interlocked guarding, material check weighing, and full plc controlled cutting cycles. We also have test units available to pre-test any material prior to cutter fabrication to assure our equipment will work for your process.
- Any bale cutter that was fabricated through Spadone was documented in detail to assure any repeat orders would have identical designs and modifications. These modifications have not only improved our design over the years, but it also allows Spadone to retain integral details of the requirements and needs of each client. Many times these details are lost overtime and can present issues with new equipment builds. With Spadone, this is a non-issue. Our engineering know-how and design history help Spadone manufacture equipment that meets our customer's needs with outstanding durability and performance.



Unparalleled Performance Designed into Every Spadone Machine

RUGGED. DEPENDABLE. RELIABLE.

Spadone is the worldwide brand leader in equipment for the tire, rubber and industrial markets. Since 1917, Spadone equipment has proven to be rugged, reliable, and dependable. For over 100 years, Spadone has proudly manufactured in the USA. As the pioneer in bias cutters, Spadone continues to lead the way by providing the highest quality equipment to meet the growing needs of its customers throughout the world.

**INDUSTRY LEADING
PERFORMANCE
SINCE 1917**

SPADONE

spadonemachine.com



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