



SPARTAN 150 CUTTERS

GET ON THE CUTTING EDGE



BOTTOM LINE...
THE BEST VALUE

SPARTAN 150 SA & 150 A SERIES

Capitalizing on Challenge's time-proven expertise in manufacturing paper cutters and manufactured to the highest of safety standards available, are easy to use,

150 SA

FEATURES AND BENEFITS

- **Manual Clamping** . The hand-wheel design for clamping results in a higher quality cut by creating a much higher clamping force than the lever design used by competitive brands.
- Cutting - powered by a 1/2 HP gear drive motor.
- Backgauge Control - manual.
- **LED Digital Backgauge Position Indicator** with $\pm 0.01"$ ($\pm 0.25\text{mm}$) backgauge accuracy - provides for easier operator use, higher productivity, and more repeatable accuracy than a hard to read indicator on a scale as used by competitive brands.
- **Laser Red LED Cut Line Light** - produces a very sharp, easy to see cut line without the replacement problems of incandescent bulbs.
- **SAFE** - two-hand push button controls with front and rear table safety shields.
- **Auto-Releasing Front Safety Shield** - automatically pops open after each cut cycle is completed. This unique benefit eliminates the need for the operator to manually lift the front shield in order to retrieve or adjust the stock after a cut providing increased productivity and operator ease-of-use.
- Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction - gives the cutter Challenge durability.
- **UHMW Gibs** - on the front and back of knife bar require zero maintenance and have lifetime durability. Eliminates lubricant on the knife bar that can spoil stock.
- Hardened steel components and bronze bearings on most wear surfaces increase the life of the machine.
- Consumable supplies (knives, sticks) typically cost less than the major competitive brands.
- **VIRTUALLY MAINTENANCE FREE** - The LED Cut Line Light and UHMW Gibs result in the SPARTAN 150 SA being virtually maintenance-free with lifetime durability.



SPECIFICATIONS

- Cutting Width: 15-3/4" / 40 cm
- Clamp Opening: 1-1/2" / 3.8 cm
- Minimum Cut: 1-15/16" / 4.9 cm
- Maximum Cut: 15-1/4" / 38.7 cm
- Table Space In Front of Knife: 9" / 22.9 cm
- Table Space Behind Knife: 15-1/4" / 38.7 cm
- Overall Height: 21-1/2" / 54.6 cm
- Overall Width: 25-3/4" / 65.4 cm
- Overall Length: 31" / 78.7 cm
- Net Weight (approximate): 170 lbs / 77 kg
- Shipping Weight: 220 lbs / 99.8 kg
- Shipping Weight with Stand: 326 lbs / 147.9 kg

ELECTRICAL

- 1/2 HP, Single-Phase, 60 Hz, 120 Volt, AC
- Service Size 15 Amps, Power Cord Included.

ACCESSORIES

- Stand

ers, the SPARTAN Models are engineered
, and virtually maintenance free.

150 A

FEATURES AND BENEFITS

- **Automatic Power Clamping.**
- Cutting - powered by a 1/2 HP gear drive motor.
- Backgauge Control - manual.
- **LED Digital Backgauge Position Indicator** with $\pm 0.01"$ ($\pm 0.25\text{mm}$) backgauge accuracy - provides for easier operator use, higher productivity, and more repeatable accuracy than a hard to read indicator on a scale as used by competitive brands.
- **Laser Red LED Cut Line Light** - produces a very sharp, easy to see cut line without the replacement problems of incandescent bulbs.
- **SAFE** - two-hand push button controls with front and rear table safety shields.
- **Auto-Releasing Front Safety Shield** - automatically pops open after each cut cycle is completed. This unique benefit eliminates the need for the operator to manually lift the front shield in order to retrieve or adjust the stock after a cut providing increased productivity and operator ease-of-use.
- **Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction** - gives the cutter Challenge durability.
- **UHMW Gibs** - on the front and back of knife bar require zero maintenance and have lifetime durability. Eliminates lubricant on the knife bar that can spoil stock.
- **Hardened steel components and bronze bearings** on most wear surfaces increase the life of the machine.
- **Consumable supplies (knives, sticks)** typically cost less than the major competitive brands.
- **VIRTUALLY MAINTENANCE FREE** - The LED Cut Line Light and UHMW Gibs result in the SPARTAN 150 A being virtually maintenance-free with lifetime durability.



SPECIFICATIONS

- Cutting Width: 15-3/4" / 40 cm
- Clamp Opening: 1-1/2" / 3.8 cm
- Minimum Cut: 1-15/16" / 4.9 cm
- Maximum Cut: 15-1/4" / 38.7 cm
- Table Space In Front of Knife: 9" / 22.9 cm
- Table Space Behind Knife: 15-1/4" / 38.7 cm
- Overall Height: 21-1/2" / 54.6 cm
- Overall Width: 25-3/4" / 65.4 cm
- Overall Length: 31" / 78.7 cm
- Net Weight (approximate): 170 lbs / 77 kg
- Shipping Weight: 220 lbs / 99.8 kg
- Shipping Weight with Stand: 326 lbs / 147.9 kg

ELECTRICAL

- 1/2 HP, Single-Phase, 60 Hz, 120 Volt, AC
- Service Size 15 Amps, Power Cord Included.

ACCESSORIES

- Stand

**VIRTUALLY
MAINTENANCE
FREE**

SPARTAN 150 M

Capitalizing on Challenge's time-proven expertise in manufacturing paper cutters, the SPARTAN 150M is engineered and manufactured to the highest of safety standards available.

150 M

FEATURES AND BENEFITS

- **Cutting - Manual Hand Lever Operation.**
- **Manual Clamping.** The hand-wheel design for clamping results in a higher quality cut by creating a much higher clamping force than the lever design used by competitive brands.
- **Backgauge Control - manual.**
- **LED Digital Backgauge Position Indicator** with $\pm 0.01"$ ($\pm 0.25\text{mm}$) backgauge accuracy - provides for easier operator use, higher productivity, and more repeatable accuracy than a hard to read indicator on a scale as used by competitive brands.
- **Laser Red LED Cut Line Light** - produces a very sharp, easy to see cut line without the replacement problems of incandescent bulbs.
- **Front Safety Shield** interlocked with the cutting lever - provides protection for the operator during operation.
- **Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction** - gives the cutter Challenge durability.
- **Consumable supplies (knives, sticks)** typically cost less than the major competitive brands.



SPECIFICATIONS

- Cutting Width: 15-3/4" / 40 cm
- Clamp Opening: 1-1/2" / 3.8 cm
- Minimum Cut: 1-15/16" / 4.9 cm
- Maximum Cut: 15-1/4" / 38.7 cm
- Table Space in Front of Knife: 6-1/4" / 15.9 cm
- Table Space Behind Knife: 15-1/4" / 38.7 cm
- Overall Height: 12-1/2" / 31.8 cm
- Overall Width: 28-1/8" / 71.4 cm
- Overall Length: 27-1/4" / 69.2 cm
- Net Weight (approximate): 80 lbs / 36 kg
- Shipping Weight: 129 lbs / 58.5 kg
- Shipping Weight with Stand: 224 lbs / 101.6 kg

ELECTRICAL

- 120 Volt, .5 Amp



THE CHALLENGE MACHINERY COMPANY

6125 Norton Center Dr.
Norton Shores, MI 49441 USA
Phone: 231.799.8484 Fax: 231.798.1275
www.challengemachinery.com