



SPARTAN® 185 CUTTERS

GET ON THE CUTTING EDGE



ASSURANCE YOU MADE
THE RIGHT DECISION

SPARTAN® 185 AEP & 185 A

Capitalizing on Challenge's time-proven expertise in manufacturing paper cutters, the SPARTAN® 185 and manufactured to the highest of safety standards available, are easy to use, and virtually maintenance-free.

185 AEP

FEATURES AND BENEFITS

- **Electric Power Clamping** - generates over 3,000 lbs. (1,360 kg) of clamping force.
- Independent clamping function for "clamp only" operation.
- Cutting - powered by a 1-1/2 HP gear drive motor.
- **Electric Powered Backgauge** - controlled by the electronic console with handwheel for micro-adjustments.
- **3" Lighted LCD Display** - displays backgauge location with $\pm 0.01"$ ($\pm 0.25\text{mm}$) backgauge accuracy.
- **Programmable** - operator friendly software uses soft key menu prompts for easy programming. During a program, the 3" LCD displays up to 5 consecutive cuts to aid the operator in navigating a job.
- **Program Memory** - 20 programs with 20 cuts per program.
- **Automatic Pushout Safety Feature** - backgauge automatically pushes stock out from under the clamping area before moving to a longer cut dimension.
- **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 Casters** - provide convenient portability.
- Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction.
- **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® 185 AEP being virtually maintenance-free.



DISPLAY

SPECIFICATIONS

- Cutting Width: 18-1/2" / 47 cm
- Clamp Opening: 3" / 7.6 cm
- Minimum Cut: 1" / 2.5 cm
- Maximum Cut: 17-1/2" / 44.5 cm
- Table Space In Front of Knife: 13" / 33 cm
- Table Space Behind Knife: 17-1/2" / 44.5 cm
- Overall Height: 52-3/4" / 134 cm
- Overall Width: 32-1/4" / 82 cm
- Overall Length: 41" / 104 cm
- Net Weight (approximate): 650 lbs / 295 kg
- Shipping Weight: 700 lbs / 318 kg

ELECTRICAL

- 1-1/2 HP, Single-Phase, 60 Hz, 120 Volt, AC
- Power Cord Included
- Service Size 20 Amps
- **Optional:** Single-Phase, 50 Hz, 230 Volt

PROFESSIONAL OFFICES

COPY CENTERS

IN-PLANT PRINT

AEP, 185 A and 185 SA are engineered
price free.

185 A

FEATURES AND BENEFITS

- **Electric Power Clamping** - generates over 3,000 lbs. (1,360 kg) of clamping force.
- Independent clamping function for "clamp only" operation.
- Cutting - powered by a 1- 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 Casters** - provide convenient portability.
- Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction.
- **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® 185 A being virtually maintenance-free.



SPECIFICATIONS

- Cutting Width: 18-1/2" / 47 cm
- Clamp Opening: 3" / 7.6 cm
- Minimum Cut: 1" / 2.5 cm
- Maximum Cut: 17-1/2" / 44.5 cm
- Table Space In Front of Knife: 13" / 33 cm
- Table Space Behind Knife: 17-1/2" / 44.5 cm
- Overall Height: 52-3/4" / 134 cm
- Overall Width: 32-1/4" / 82 cm
- Overall Length: 41" / 104 cm
- Net Weight (approximate): 650 lbs / 295 kg
- Shipping Weight: 700 lbs / 318 kg

ELECTRICAL

- 1- 1/2 HP, Single-Phase, 60 Hz, 120 Volt, AC
- **Optional:** Single-Phase, 50 Hz, 230 Volt
- Power Cord Included
- Service Size 20 Amps

**VIRTUALLY
MAINTENANCE
FREE**

SPARTAN® 185 SA

185 SA

FEATURES AND BENEFITS

- Cutting - powered by a 1- 1/2 HP gear drive motor.
- Manual Clamping. The hand-wheel design provides a strong clamping force resulting in high quality cuts.
- 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 Casters** - provide convenient portability.
- Heavy-Duty Steel, Cast Iron, and Cast Aluminum Construction.
- **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® 185 SA being virtually maintenance-free.



SPECIFICATIONS

- Cutting Width: 18-1/2" / 47 cm
- Clamp Opening: 3" / 7.6 cm
- Minimum Cut: 1" / 2.5 cm
- Maximum Cut: 17-1/2" / 44.5 cm
- Table Space in Front of Knife: 13" / 33 cm
- Table Space Behind Knife: 17-1/2" / 44.5 cm
- Overall Height: 52-3/4" / 134cm
- Overall Width: 32-1/4" / 82 cm
- Overall Length: 41" / 104 cm
- Net Weight (approximate): 650 lbs / 295 kg
- Shipping Weight: 700 lbs / 318 kg

ELECTRICAL

- 1- 1/2 HP, Single-Phase, 60 Hz, 120 Volt, AC
- Service Size 20 Amps
- Power Cord Included
- **Optional:** Single-Phase, 50 Hz, 230 Volt



THE CHALLENGE MACHINERY COMPANY

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