

Cutters Fly-knife · Rotary



Fly-knife Cutter (CFK 2.5)



Servo Fly-knife Cutter (CSFK 4.5)

Standard configurations - Fly-knife Cutters, CFK & CSFK (Servo)

| Model no. (CFK & CSFK) | Max. pipe / tube capacity (O.D.) | Cut tolerance | | Motor (Hp) | | Blade speed (RPM) | | Dimensions (w x h x l) | | Electrics | |
|---------------------------|-------------------------------------|---------------|----------|------------|-------|-------------------|-----------|------------------------|-----------------|-------------------------|----------------|
| | | AC | SERVO | AC | SERVO | AC | SERVO | AC | SERVO | V AC | PH / Hz |
| 2.5' | 2.25" | ± 0.0625" | ± 0.020" | 1 | 3 | 1750 | 50 - 2000 | 24" x 61" x 30" | 24" x 56" x 36" | 120, 230, 380, 460, 575 | 1 - 3 / 50, 60 |
| 3.5' | 3.5" | ---- | ± 0.020" | ---- | 3 | ---- | 50 - 2000 | ---- | 26" x 58" x 36" | 230, 380, 460, 575 | 3 / 50, 60 |
| 4.5' | 4.5" | ± 0.0625" | ± 0.020" | 3 | 6 | 900 | 50 - 2000 | 26" x 61" x 30" | 26" x 58" x 36" | 230, 380, 460, 575 | 3 / 50, 60 |
| 6.5' | 6.0" | ---- | ± 0.020" | ---- | 6 | ---- | 50 - 2000 | ---- | 26" x 58" x 36" | 230, 380, 460, 575 | 3 / 50, 60 |

1. 12" longitudinal movement. 2. Fixed on frame.

FEATURES, Fly-knife Cutters

- Continuous and on-demand cutting cycles
- Isolation transformer (Servo models only)
- Casters and leveling jack screws

OPTIONS: Blade lubrication system, electronic length control (CFK models), multifunctional PLC length control (CFK models), various blade types, photo lens actuator (CSFK models), mechanical footage counter (CFK models)

CDS's Fly-knife Cutters deliver fast, accurate cuts for flexible and semi-rigid applications, such as weather-stripping, edgebands, gasketing, and tubing. CDS's high-torque **Rotary Fly-knife Cutter** can accurately cut a variety of extruded applications and is ideally suited for processors who make one or several product changeovers within a limited time frame. Models with servo drives allow for greater cutting accuracy and minimize maintenance and downtime of the unit.

Rotary Fly-Knife Cutter

Selected features, CSRK 8

- Pipe/tubular capacity: up to 8 in.
- 22 in. fly-knife wheel
- 400 cuts-per-minute (CPM), with one blade
- Multiple-blade mounting system
- Continuous or on-demand cutting modes
- Heavy-duty Servo motor and control (10 Hp)
- Full entrance and exit safety enclosure
- Touch screen control panel



CSRK 8 (Servo)

NOTE: Information subject to change without notice; contact a CDS representative for the most recent information concerning specifications and custom configurations.