# ACS ADVANTAGE: INNOVATION IN DESIGN
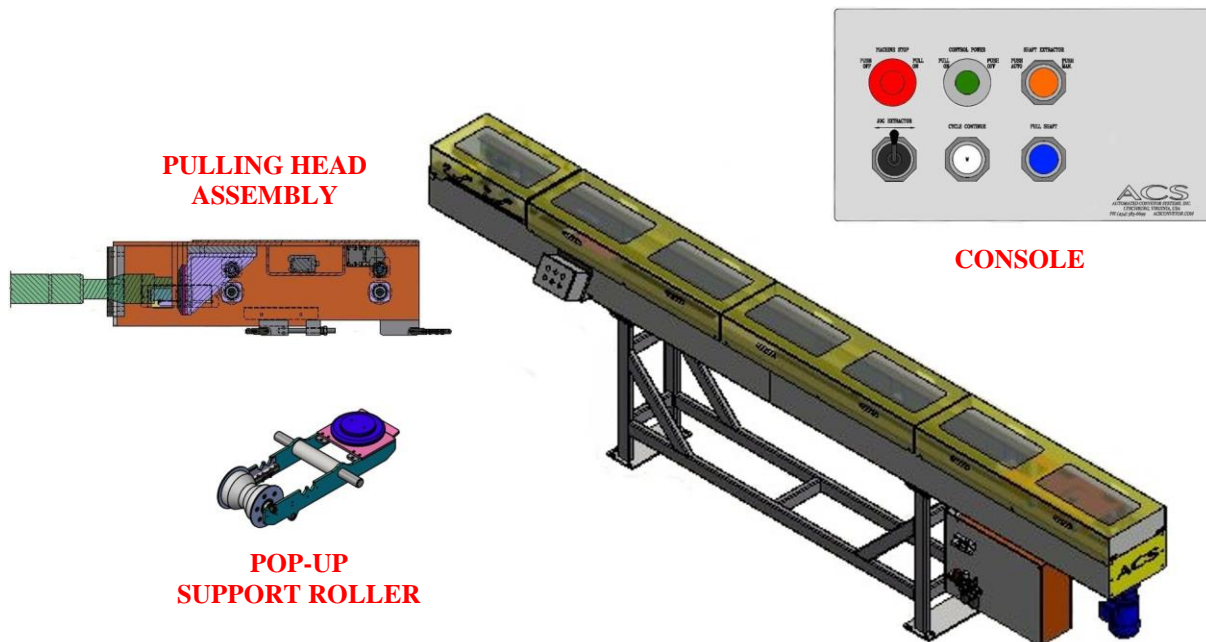
# SHAFT EXTRACTOR

## DESCRIPTION

- **The ACS Shaft Extractor is designed for use at the slitter/rewinder to position cores onto a shaft used to rewind slit paper, film, or other non-woven materials from parent rolls then extract the shaft once the slitting cycle is complete.**

- **Design can be customized to accommodate shafts of varying diameter and lengths.**

- **Shafts are supported during extraction and reinsertion by a pneumatic pop-up support roller designed for easy setup to accommodate multiple shaft diameters.**

- **The ACS Shaft Extractor can be operated manually or integrated into existing system controls. A control console is provided for manual operation and selection of automatic mode of control.**

## FEATURES

- **Reliable 2 HP gear motor with drive fully enclosed yet positioned for ease of access.**

- **Utilizes fiber optics and magnetic proximity sensors for precise control during extraction and insertion cycles.**

- **All pneumatics factory plumbed.**

- **Safety guards / access panels provide convenient access to machine components.**

- **Made with precision CNC plasma cut and punched components.**

## ACS
### Automated Conveyor Systems, Inc.

# SHAFT EXTRACTOR

**PULLING HEAD
ASSEMBLY**

**CONSOLE**

**POP-UP
SUPPORT ROLLER**

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## SPECIFICATIONS

| | |
|---|---|
| **Compatible Shaft Diameters:** | Original design accommodates 3" **(7.62cm)**, 6" **(15.24cm)**, and 6- 3/4" **(17.145cm)** shaft diameter. For other diameters, call factory. |
| **Compatible Shaft Lengths:** | For shafts varying in length up to 208" **(582.32cm)**. For other lengths, call factory. |
| **Pulling Head Speed:** | 89 FPM **(27.13 MPM)**. For other speeds, call factory. |
| **Drive Components:** Gear Motor: | 2HP hollow shaft right angle gear motor. 230V/460V/3PH/60Hz. Other voltages available as needed. |
| **Pneumatics:** Minimum Air Requirements:  Maximum Air Requirements: | 60 PSI **(4.14 BAR)** Clean, dry plant air at the drops.  80 PSI **(5.52 BAR)** |
| **Construction:** Base Frame:  Extractor Table: | Constructed using 3/16" **(4.76mm)** wall tubing.  Constructed using 1/4" **(6.35mm)**, 3/8" **(9.525mm)**, and 1/2" **(12.7mm)** steel plate and 1/4" **(6.35mm)** wall tubing. |
| **Control Options:** Manual:  Automatic: | Push button operator actuation from on-board control console.  Automatic mode selection from on-board operator console. |

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