# Roll-Up Pro

Edgelec

A VARIABLE-SPEED MATERIAL ROLLING MACHINE





## Slit Shaft

Materials are inserted into a non-damaging slit.



#### **Vacuum Shaft**

Air suctions material to the shaft through machined holes.



#### **Friction Shaft**

A coated silicone shaft gently grips materials.



#### **Clamp Shaft**

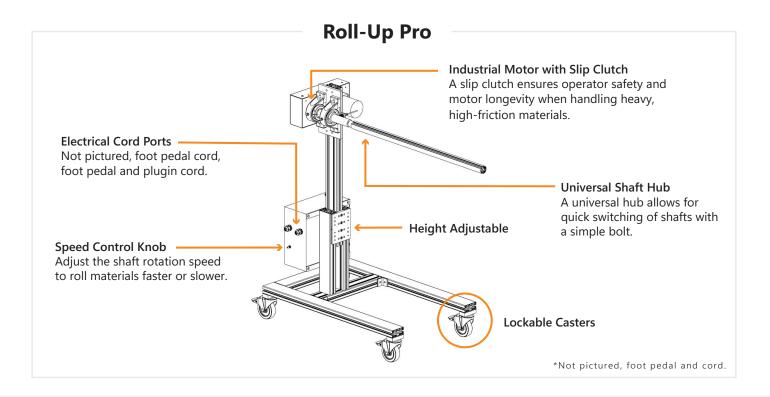
A pneumatic clamp holds materials to the shaft.

# The EdgeTec Roll-Up Pro is a variable-speed material rolling machine with individually designed and fabricated shafts.

The Roll-Up Pro is a freestanding unit that can roll it all — from lightweight posters to heavy weight fabrics and materials. The operation of the Roll-Up Pro is quick to learn and features simple foot pedal operation to rotate the shaft and roll the material. The machine's rotation speed is easily adjusted via a speed control knob.

Preprogrammed commands include a shaft home position for quick material loading and a slight reverse at the end of rolling, releasing tension for easy removal of the product. Casters on the base of the machine make moving it a breeze!

The shaft of every EdgeTec Roll-Up Pro is fabricated in collaboration with the client and tested with client-provided sample materials to ensure perfect operation and smooth, uncreased materials.



### **Shaft Categories and Styles**

Extruded Aluminum Profile*	Material is rolled around an aluminum shaft with a specially designed and rounded edge slit to ensure no damage or marring of the rolled material. Slit size is customizable. Extruded Aluminum Profile Shafts are available in a wide variety of diameters. Common diameters include 30mm and 40mm.  Available Shaft Styles: Slit or Clamp Shaft
Internal Shaft*	Material is rolled inside of the shaft. Internal rolling can produce a tighter, smaller diameter roll and works well for rigid materials.  Available Shaft Styles: Slit Shaft
Round Aluminum Shaft*	Aluminum tubing in nearly any diameter and wall thickness is machined with a full or partial slot to roll material.  Available Shaft Styles: Slit or Vacuum Shaft
Silicone Coated Shafts	A custom-coated silicone shaft gently grips material without any damage or creases. After rolling, the operator slides a bag or container over the material and the machine releases the rolled product. Good for recycled papers or thick materials.  Available Shaft Styles: Friction Shaft

<sup>\*</sup>Available as an anodized shaft. Anodizing increases durability and eliminates shaft residue on materials.

#### **Roll-Up Pro Specifications**

Machine Type	A Variable-Speed Material Rolling Machine
Working Speed	Max. Shaft Rotation: 389 rotations per minute  Max. Material Rolling Speed: ~144 ft/min, dependent on material. Approximately, 6-10 posters per minute.  Shaft rotation speed can be adjusted using machine's speed control knob.
Rolling Height	34" - 46" Can be customized upon request.
Shaft Length	Customizable from 0.79" - no upper limit. Shafts over 56" may require steady rest.
Machine Makeup	Frame: Extruded aluminum High-grade industrial components
Machine Weight	116 lbs
Machine Dimensions (L x W x H)	36" x 23" x 40" (Without Shaft)
Electrical Requirements	110 VAC, 50/60Hz, 1 Phase OR 220 VAC, 50/60Hz, 1 Phase

#### **Additional Features**

Pneumatic Steady Rest	For long shafts, over 56", the steady rest reduces sway and automatically disengages when rolling is finished.
Shaft Inserts	For difficult-to-roll materials, a variety of inserts are used to prevent slippage.
Additional Customization	Each machine is custom built. Any modifications to size can be made to fit your needs.