

# UNWIND STAND

UB BRAKE  
UD DANCER  
UM MOTOR



# UNWIND STAND

## UB BRAKE, UD DANCER, UM MOTOR TECHNICAL SPECIFICATION

Solid Models & Video Available Online

### UB BRAKE

This unpowered unwind stand uses a hysteresis-type magnetic brake to control web tension. Torque control is accomplished by turning the adjustment ring.

### UD DANCER

This cantilever-style unwind is a reliable solution for unwinding material into a process. Simply place the roll onto the shaft, which can be customized to your specific size requirements, and position the material underneath the dancer arm. When the arm descends, the motor that unwinds the roll turns off for the material to be processed. As the dancer arm rises to continue the operation, a sensor signals the motor to speed up linearly from 0% to 100%, minimizing web tension. All the permanently sealed and lubricated bearings, as well as the motor drives, are securely placed within a rigid, clear anodized column. This unit comes in standard sizes or made to your custom specifications and installation is easy through the use of its four mounting holes.

This unit can also function as a rewind, as it can wind material onto an empty core by reversing its process

### UM MOTOR

This cantilever-style unwind is a reliable solution for unwinding material into a process. Simply place the roll onto the shaft, which can be customized to your specific size requirements, and feed the material according to your application. An optical sensor keeps the material loop within desired limits and with no contact to the web, tension is virtually eliminated. This is essential in certain cases as with fragile or heavy materials where tension could cause inaccuracies and other problems.

This unit can also function as a rewind by winding material onto a core

### BENEFITS

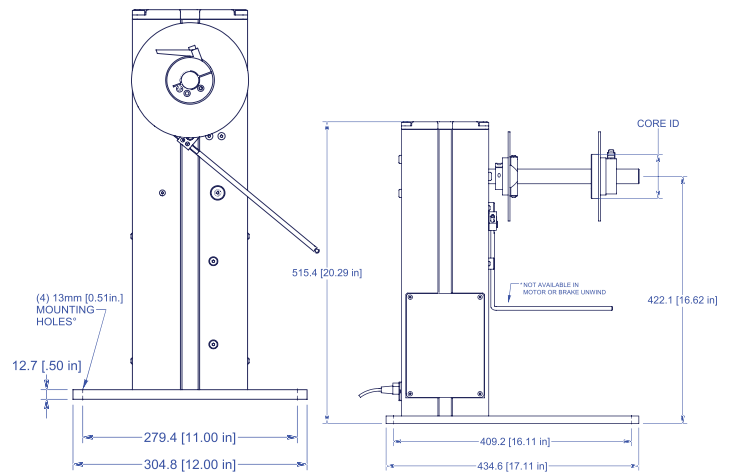
- Quick changeover without tools
- Long-lasting
- Tension adjustable through manual setting
- Low maintenance: magnetic particle brake (no wear items)

### SPECIFICATIONS

- Power requirements: 110 V AC or 220 V AC
- Maximum roll diameter: 457 mm/18"
- Maximum roll weight: 23 kg/50 lb

### OPTIONS

- Multiple roll unwinding
- Air shafts
- Motorized unwind
- Dancer unwind
- Custom unwinds up to 1016 mm/40" wide and 1361 kg/3000 lb



Drawing represent similarities available across all models.  
\* Dancer arm not available on all unwinds. For precise image specifications please refer to our website.

PRODUCT	STYLE	DEFINITION	TYPE	DEFINITION	STANDARD MEASUREMENTS ACROSS UNWIND/REWINDS				
					Size	Definition	Shaft-length	Definition	Core Size
UB Brake	U	Unwind	B	Brake for unwind	1	bench-top	S	160mm/6"	25mm/1"
			C	Clutch					
UD Dancer	U	Unwind	D	Dancer motorized	2	floor-mounted	L	320mm/12"	75mm/3"
	R	Rewind	F	Dancer with feedback loop					100mm/4"
UM Motor	U	Unwind	C (optional)	Clutch	3	dual side plate	X	Special, up to 1016mm/40"	150mm/6"
	R	Rewind	D (optional)	Dancer motorized					
			M	Motorized					



### WARNING:

EQUIPMENT MUST BE GUARDED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS



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