

## Unwinding system UW

With the unwinding system UW, ARISTO offers the high end solution for soft signage, flexible materials such as canvas, mesh, fabrics and other roll materials in combination with the **Large Format Cutter ARISTOMAT<sup>®</sup> LFC**.  
The combination of different modules allows a tailored, flexible solution for YOUR Large Format Finishing.

**RollerBlocksmart**



**Center Intake**



### Combinable Process Modules

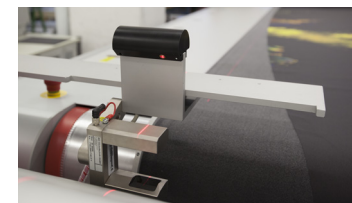
- ✓ Unwinding system type Center Intake (shaft/expansion shaft)
- ✓ Unwinding system type RollerBlocksmart

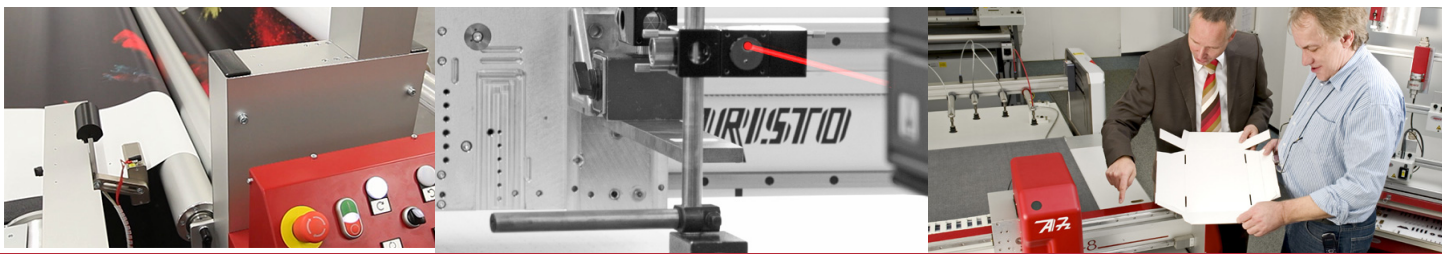
#### Equipment features

- > Material edge control for compensating winding tolerances
- > Infinitely variable constant web tension via dancer bar
- > Speed control, depending on the roll diameter
- > RelaxMode during material feed

### Handling Features

- ✓ Safety chucks for taking shafts/expansion shafts
- ✓ Easy loading via laser alignment
- ✓ Integrable RollerBlockpassive, option for the Center Intake
- ✓ Various shafts and pneumatic expansion shafts with safety chucks





## Specifications

Type	UW23-05	UW33-05	UW33-15	UW52-05
<b>Outer dimensions LxW<sup>1</sup>xH</b>	3276 x 1082 x 2300	4313 x 11841 x 2300	4313 x 2015 x 1850	6042 x 11841 x 2300
<b>Weight (kg)<sup>2</sup></b>	350	420	700	480
<b>Roll material for the shaft<sup>3</sup></b>				
- Roll weight (kg)	max. 500	max. 500	max. 1500	max. 500
- Roll outer diameter (mm)	max. 1000	max. 1000	max. 1000	max. 1000
- Core width (mm)	max. 2654	max. 3691	max. 3511	max. 5420
- Material width (mm)	max. 2334	max. 3371	max. 3371	max. 5100

**Compressed air and power supply is via the ARISTOMAT®**

1. With a roll diameter up to 500 mm. Plus 200 mm with a roll diameter of 1000 mm.
2. RollerBlock (only UW23xx and UW33xx), Dancer bar, Shaft and Edge control included.
3. Depending on the used shaft/expansion shaft and the material roll weight kg/m.

## Further Options

- ✓ RollerBlock<sup>passive</sup>
- ✓ Pneumatic brake for the winding axis
- ✓ Sensor for detecting the end of the roll
- ✓ Feeding of protective sheets
- ✓ Electrostatic neutralizer

