

## Your business

- ✓ Pharmacy:  
Medical diagnostics
- ✓ Electronics:  
Flexible /Printed electronics
- ✓ Photovoltaic:  
Flexible solar cells
- ✓ Display:  
Touch screens
- ✓ Illumination:  
Light emitting devices
- ✓ Energy storage:  
Battery technologies
- ✓ Nano- & Biotechnology:  
Research

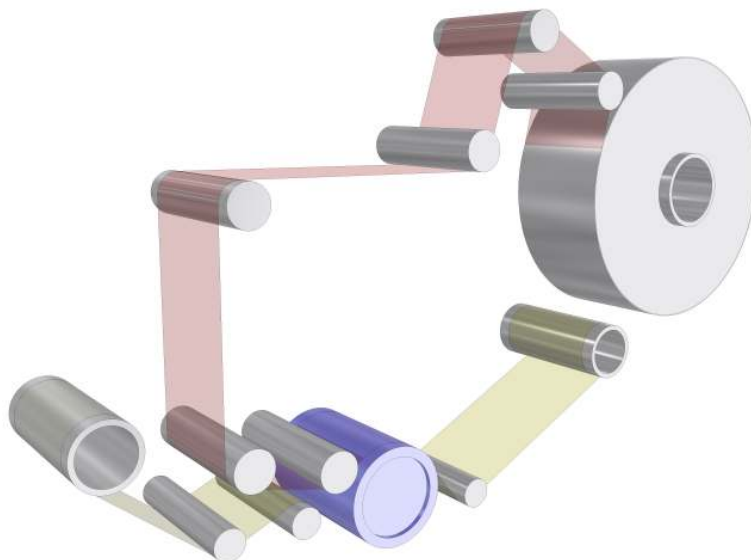
## Your benefits

- ✓ Newest coating and winding technologies are build in
- ✓ Compact and stable design
- ✓ Flexible process arrangement
- ✓ Various configuration options
- ✓ Fast process changes
- ✓ High productivity
- ✓ User-friendly
- ✓ High reliability
- ✓ Safety operating
- ✓ Ergonomic design
- ✓ Ready for future challenges

# WPS 100 Web Processing System

## Specification

**WPS 100**  
**winding system**  
for customized  
web processing  
EXAMPLE



### Standard version

- ✓ Precision guides
- ✓ Dynamic drives
- ✓ Sinusoidal movement profiles
- ✓ Robust construction
- ✓ Compact design

### Options

- ✓ Different pre-treatment processes are available
- ✓ In-situ measurement technologies
- ✓ Customized layer characterization equipment

Specification	standard	options
<b>Temperature</b>	-60°C...+180°C	...250°C / 550°C
<b>Interleaf</b>	—	on request
<b>Speed</b>	0,5...20 m/min	...10 m/sec
<b>Tension</b>	100 N...1000 N	30 N...
<b>Substrate</b>	PI, PET, PVC, PA, PE, PP, ...	
<b>Width</b>	10 ... 100 mm	..250 mm
<b>Thickness</b>	0,01 ... 0,1 mm	0,005 mm...
<b>Coil diameter</b>	...300mm	>300mm
<b>Processes</b>	1 pc.	...6 pcs.
<b>Pre-Treatment</b>	—	Heating
<b>Coating processes</b>	—	customized
<b>Structuring</b>	—	customized
<b>Layer measurement equipment</b>	—	Different systems available on request

The **Web Processing System WPS 100** is a customized designed lab and production plant for handling and processing thin film substrates.

Based on an roll-to-roll system the **WPS 100** allows continuous web processing. Pre-treatment processes are available and takes care of surface cleaning, activation, heat aging, ... (depends on the customized processes) of the web substrate. The customized arrangement of the *process sections* enables to build up *customized multilayer stacks* via different processes.

After processing the processed web came out by passing a measurement unit for check the process quality (option).

**Let us now together start to lower your production costs and maximize the return of your assets: Adenso — solutions you need —**

### ... our strategy

It is our strategic goal to create customer benefits by implementing innovative solutions.

### Our offer:

Let's talk personally about your requirements and what we can do for you.

Adenso GmbH  
Zur Wetterwarte 27  
01109 Dresden  
Germany

Fon: +49 351-79 59 79 7-0  
Fax: +49 351-79 59 79 7-70

info@adenso.de

[www.adenso.de](http://www.adenso.de)