

Data sheet

# HP Zero Speed Splicer

for HP Color Inkjet Web Presses



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## Increase production

Maintain high-speed production with an HP Zero Speed Splicer. Continually feed your HP T-Series web press at speeds up to 800 feet per minute while automatically splicing new rolls to enhance production and reduce materials waste. Both models of the HP Zero Speed Splicer are available in 30-inch and 42-inch web widths, accommodating two rolls up to 50 inches in diameter while providing innovative features such as an automatic splice trigger, accurate web tension control, and dual direction unwind.

## Give productivity a boost

You're ultimately more productive with a digital printing system that reduces downtime and manual effort. With HP's Zero Speed Splicer, a new roll can be loaded and prepared while the press is in production, saving five to seven minutes of downtime versus standard unwinders. When using the HP Zero Speed Splicer with an HP T-Series web press enabled for splice detection, the splice can transit the press at speed, saving up to ten minutes per roll.

## Cut down on your operating costs

With productivity gains enabled by the HP Zero Speed Splicer, you also achieve a lower overall cost per page. Presses enabled for splice detection will incur less paper waste because there is no reason to slow or stop the press for a roll change.

## Experience ease of use

Both the vertical and horizontal model of the HP Zero Speed Splicer are designed with MEGTEC specifically for HP Inkjet Web Presses so the splicer and press work as one integrated system, maintaining web tension and print quality. The touch screen interface simplifies set up and control, while providing reliable, consistent performance. The motorized hoist control enables paper rolls to be loaded and unloaded safely and efficiently, while the core shafts couple with the drive at the push of a button. Once the roll is loaded and the splice is prepared, the HP Zero Speed Splicer will trigger an audible alarm to notify the operator, while it automatically completes the splice based upon a pre-set roll diameter; no operator intervention is needed.

### Technical specifications

	HP Zero Speed Splicer Vertical	HP Zero Speed Splicer Horizontal
<b>30-inch models</b>		
<b>Model number</b>	HPZS-100SV -30	HPZS-100SH -30
<b>Supported HP presses</b>	T300, T350, T360	T300, T350, T360
<b>Web width</b>	10 to 30 in (254 to 762 mm)	10 to 30 in (254 to 762 mm)
<b>Max roll diameter</b>	2 x 50 in (1270 mm)	2 x 50 in (1270 mm)
<b>Max roll weight</b>	Up to 2,500 lbs (1134 kg)	Up to 2,500 lbs (1134 kg)
<b>Max speed</b>	Up to 800 fpm (244 m/min)	Up to 800 fpm (244 m/min)
<b>Media weight</b>	30–125 lb (45–200 gsm)	15–125 lb (28–200 gsm)
<b>Core diameter</b>	3 in (75 mm) nominal	3 in (75 mm) nominal
<b>Emergency stop rate</b>	300 fpm/s (1.5m/s <sup>2</sup> )	400 fpm/s (2.0m/s <sup>2</sup> )
<b>42-inch models</b>		
<b>Model number</b>	HPZS-100SV -42	HPZS-100SH -42
<b>Supported HP presses</b>	T400, T410	T400, T410
<b>Web width</b>	12 to 42 in (300–1067 mm)	12 to 42 in (300–1067 mm)
<b>Max roll diameter</b>	2 x 50 in (1270 mm)	2 x 50 in (1270 mm)
<b>Max roll weight</b>	Up to 3,500 lbs (1588 kg)	Up to 3,500 lbs (1588 kg)
<b>Max speed</b>	800 fpm (244 m/min)	800 fpm (244 m/min)
<b>Media weight</b>	30–125 lb (45–200 gsm)	15–125 lb (28–200 gsm)
<b>Core diameter</b>	3 in (75 mm) nominal	3 in (75 mm) nominal
<b>Emergency stop rate</b>	300 fpm/s (1.5m/s <sup>2</sup> )	400 fpm/s (2.0m/s <sup>2</sup> )

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