

## datascreen™ *Raising the bar on productivity and quality*

Up to 400 screens per 8-hr. shift  
(speeds documented by existing customers)

The Wajet DataScreen™ CTS system from SPSI is the solution to higher speed production, lower cost screens, faster setups, better print quality and improved prepress workflow. This high tech CTS system is designed to increase revenue and profitability without expanding floor space or labor costs. This is accomplished by reducing labor and material costs, improving job throughput time, and improving quality, while opening the door to profitable short run projects.

The key benefits of this system include:

### SPEED

- \* Higher speed, bi-directional printing (up to 400 screens/machine/8-hour shift)
- \* Reduces press setups and changeovers by up to 70%
- \* Faster exposure times
- \* Pneumatic frame fixture provides rapid, accurate screen loading and unloading
- \* Single print head with 1,404 nozzles eliminates multi-print head alignment issues
- \* Faster setup times make short run projects profitable

### QUALITY

- \* Resolution from 360 to 2880 dpi
- \* 120 lines at 2880 dpi
- \* Hold 2% half tone dots
- \* Eliminates pin holes
- \* Computer controlled ink pressure assures precise control of ink droplet sizes and eliminates ink splatter

### WASTE REDUCTION

- \* Eliminates film costs
- \* Reduces labor costs associated with editing and retouching film
- \* Reduces time and labor associated with screen registration
- \* Reduces ink usage
- \* Reduced chemical costs associated with film production
- \* Reduces print time by 50% or more for improved productivity

### SIMPLICITY

- \* Easy to use Windows based software
- \* Bulk ink feeding system assures consistent ink flow
- \* MAC and PC compatible
- \* Precise registration, color to color, screen to screen
- \* Computer feedback system that monitors and alarms when ambient temperature and humidity change in the screen room.



The Wadjet DataScreen™ CTS system is a Swiss designed and engineered precision screen printer utilizing Zund plotter technology. The Swiss are world-renowned for quality, innovation, design and performance and the DataScreen™ by Wadjet is no exception. Fast, intelligent, flexible and compact, there is a DataScreen™ digital CTS system available for you that can revolutionize your manufacturing facility, increasing productivity and profitability without expanding your manufacturing space or workforce.



Select from one of the systems below based on your manufacturing requirements:

Model Number	Image Size Inches/Millimeters	Frame Size Inches/Millimeters	Footprint Size Inches/Millimeters	Approximate Weight Pounds/kg
M-800	47" x 24" / 1191 x 616mm	60" x 27" / 1520 x 692mm	103" x 61" / 2626 x 1542mm	925 / 419
M-1200	47" x 40" / 1191 x 1016mm	60" x 43" / 1520 x 1092mm	103" x 76" / 2626 x 1942mm	1036 / 469
L-1200	62" x 40" / 1575 x 1016mm	78" x 43" / 1990 x 1092mm	122" x 76" / 3096 x 1942mm	1080 / 489
XI-1200	82" x 40" / 2091 x 1016mm	97" x 43" / 2460 x 1092mm	140" x 76" / 3566 x 1942mm	1350 / 612
M-1600	47" x 56" / 1191 x 1416mm	60" x 59" / 1520 x 1492mm	103" x 92" / 2626 x 2342mm	1750 / 793
L-1600	62" x 56" / 1575 x 1416mm	78" x 59" / 1990 x 1492mm	122" x 92" / 3096 x 2342mm	1792 / 813

Note: all models include a high speed plotter, print head assembly, PC workstation and a pneumatic screen frame alignment fixture

## Supplies

The DataScreen™ CTS system has been fine-tuned to consistently deliver a higher level of output at less cost than alternative methods or technologies. This has been accomplished through the selection, matching and tuning of precision components, hardware, software and supplies, that operate in complete harmony, functioning and interacting as an integrated system. Substitutions anywhere in the system can introduce performance issues and damage the equipment. SPSI maintains a stock of genuine Wadjet supplies in our warehouse and can ship them priority anywhere in North or South America as required.