

*projecta*

**DRYFIX**

*Innovation in the  
grits' application*

## DRYFIX by Projecta

The DRY FIX series is the most extended digital solution for grits & powder application in single pass. Available in 4 different sizes (700 mm, 1200 mm, 1400 mm & 2100 mm), it allows reaching new finishes as well as smooth structures when application is done just after the dryer.

### Specifications

- Handles substrates (media) up to 2065 mm (81,3 inches) wide and 160 mm (6,3 inches) high
- Printing speed up to 60 lm/min (DF 70 & DF 112)

### Features & Benefits

- 1 Able to jet solvent based ceramic inks/fluids & water based ceramic inks/fluids
- 2 Offers customers a greener printing solution
- 3 Very easy operation and daily maintenance
- 4 Drives down operating costs due to fewer consumable parts

### Optional

- **G Synchro:** it allows associating each one of the patterns of a model to different media based on some shape differences, to sync up the color design with the grit application
- **High discharge Kit:** allows very high discharge up to 3,7kg/m<sup>2</sup> (DF 70)
- **Table IN & OUT:** in case of very large media, a table-in & table-out options are provided on demand
- **Jumbo bag/silos:** different silos are available to adapt the DRY FIX unit to customers' production requirement
- **Fluid deposits:** for the very demanding production processes, a large fluid deposit (1.300 L) is also available



| DRY FIX                              |  | DF 70  | DF 112                  | DF 140                  | DF 200                  |
|--------------------------------------|--|--|-------------------------|-------------------------|-------------------------|
| <b>GENERAL MACHINE CONFIGURATION</b> |  |  |                         |                         |                         |
| Number of printing bars              |  | Up to 2  |                         |                         |                         |
| Fluid based compatibility            |  | Oil based/Water based                                    |                         |                         |                         |
| PH                                   |  | SEIKO RC1536L / SEIKO RC1536A L                          |                         |                         |                         |
| Max printing width                   |  | 711,2 mm   | 1117,6 mm               | 1422,4 mm               | 2065,9 mm               |
| Conveyor                             |  | Belt   |                         |                         |                         |
| Conveyor size                        |  | 740mm  | 1160mm                  | 1460mm                  | 2110mm                  |
| Max conveyor belt speed              |  | up to 60m/min  |                         | up to 45m/min           | up to 32m/min           |
| Max Grit application quantity        |  | 100 microns  |                         |                         |                         |
| Minimum grit particle size           |  | 100 microns  |                         |                         |                         |
| High discharge kit                   |  | Optional   | Optional                | Optional                | Standard                |
| Standard                             |  | >1850 gr/m <sup>2</sup>                                  | >1550 gr/m <sup>2</sup> | >1000 gr/m <sup>2</sup> | -                       |
| High discharge kit                   |  | >3700 gr/m <sup>2</sup>                                  | >3100 gr/m <sup>2</sup> | >2000 gr/m <sup>2</sup> | >1300 gr/m <sup>2</sup> |
| <b>ELECTRICAL CONFIGURATION</b>      |  |  |                         |                         |                         |
| Power                                |  | Multi range 3F + PE: 400-415-440-460-480-500 VAC +/- 10% |                         |                         |                         |
| Frequency                            |  | 50/60 Hz   |                         |                         |                         |
| Total power installed                |  | kVA 8  | kVA 10                  | kVA 10                  | kVA 18                  |
| UPS                                  |  | Included   |                         |                         |                         |
| Compressed air consumption           |  | Pneumatic power 6 bar                                    |                         |                         |                         |
| Single vacuum conveyor               |  | 700 NI/min   |                         | 910 NI/min              | -                       |
| Doble vacuum conveyor                |  | -  | 1330 NI/min             | 1750 NI/min             | 1800 NI/min             |
| Type of compressed air               |  | Filtration class 3 ISO 8573                              |                         |                         |                         |
| Type of conveyor                     |  | Belt   |                         |                         |                         |
| <b>DIMENSION</b>                     |  |  |                         |                         |                         |
| H (height)                           |  | 2800 mm*   | 2800 mm*                | 2800 mm*                | 3100 mm*                |
| W (width)                            |  | 1610 mm  | 2030 mm                 | 2310 mm                 | 3540 mm                 |
| L (length)                           |  | 3410/4410 mm   | 5520mm                  | 5810 mm                 | 8410 mm                 |

\* height is considering the vacuum conveyor for the grit



| OPTIONALS DIMENSION | BIG BAG 70/112 | BIG BAG 140/3200 | CICLONE | FLUID DEPOSIT |
|---------------------|----------------|------------------|---------|---------------|
| H (height)          | 2300mm         | 2930mm           | 2850 mm | 2000 mm       |
| W (width)           | 1000mm         | 1150mm           | 1000 mm | 1100 mm       |
| L (length)          | 1200mm         | 1150mm           | 750 mm  | 1400 mm       |
| Capacity            | 700L           | 1350L            | -       | 1300 L        |

**projecta**

PROJECTA ENGINEERING S.R.L.  
Via Viazza Il Tronco, 55 – 41042 Fiorano Modenese (MO) – Italy  
Telephone +39 0536 910979 – info@projecta.it  
www.projecta.it

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