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Human Resource and Organisational Development Consultancy (HRODC) Ltd.

**Screen Printer – HRODC_RSP1 Roll Screen Printer 1-6 Colours Screen
Printing Machine**

**HRODC_RSP1 Roll-fed Screen Printer –
Cost: £50,000.00 for single colour; £22,000.00 for Each Additional Colour
Cost Includes UV Dryer or Air Drying System**



Screen Printer – HRODC_RSP1 Roll Screen Printer 1-6 Colours Screen Printing Machine

General Description

- Stepper Motor system for enhanced printing accuracy
 - Brushless motor
 - synchronous electric motor that provides full rotation
 - Multiple steps
- Continuous printing
- Multi-substrate Compatibility:
 - Polyvinyl Chloride (PVC)
 - Polyethylene Terephthalate (PET)
 - ABS
 - Paper
 - OPP
 - Heat transfer paper
 - Soft plastic circuit plate
 - Polyester,
- Advanced computer system control
- Precision shafts and bearings ensure smooth and stable operation
- Programmable PLC system facilitates easy printing program change
- Stainless printing table has vacuum function to secure fixing of substrate throughout entire cycle or intermittently
- Adjustable devices ensure the creation of a variety of printing effects
 - Squeegee/ flood bar depth,
 - Pressure,
 - Speed
 - Level, and
 - Stroke, etc.
- Accurate colour registration - within 0.05mm

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Registered Office: 122A Bhylls Lane, Castlecroft, Wolverhampton, West Midlands WV3 8DZ, UK

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Prof. Dr. R. B. Crawford

PhD (London), MEd.M. (Bath), Adv. Dip. Ed. (Bristol), PGCIS (TVU), ITC (UWI), MAAM, MAOM, LESAN, MISGS. Visiting Prof. P.U.P.

Chief Executive & Chief Consultant – HRODC Ltd.



Screen Printer – HRODC_RSP1 Roll Screen Printer 1-6 Colours Screen Printing Machine

General Description

- Choice of drying mechanism:
 - UV Drying Oven
 - Hot Air Dryer

Screen Printer – HRODC_RSP1 Roll Screen Printer 1-6 Colours Screen Printing Machine

Technical Specification

- Max. Printing Width: 300 mm
- Max. Printing Speed: 1,000 meters per hour (approximate)
- Maximum. Printing Area:
 - UV 220 x 250 mm
 - Hot-air: 220 x 250 mm
- Size of printing table:
 - UV: 830 x 380 mm/ 880 x 380mm
 - Hot-Air: 830 x 380 mm/ 880 x 380 mm
- Power:
 - UV: 380V 3 phase 7500 W
 - Hot-Air: 380V 3 phase 5500W
- Maximum Frame Size:
 - UV/ Hot-Air: 580 x 380 mm
 - Air Consumption: 18 L/min
- Air Pressure: 0.5-0.65 Mpa/cm²
- Machine dimensions:
 - UV: 3420 x 900 x 1,500 mm
 - Hot-Air: 4,500 x 900 x 1,450 mm
- Packing measurements - UV:
 - 1910 x 1080 x 1740 mm

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Screen Printer – HRODC_RSP1 Roll Screen Printer 1-6 Colours Screen Printing Machine

Technical Specification

- 1910 x 1010 x 1740 mm
- Packing measurements - Hot-Air:
 - 1360 x 980 x 1840 mm
 - 1750 x 920 x 1500 mm
 - 1820 x 1080 x 1840 mm
- Net weight:
 - UV: 1,000 kg
 - Hot-Air: 1,100 kg
- Gross Weight:
 - UV: 1,216 kg
 - Hot-Air: 1,435 kg
- Standard accessories:
 - Selected sizes of squeegees
 - Flood bars
 - 1 set adjustment tools
 - 1 set operator's manual

