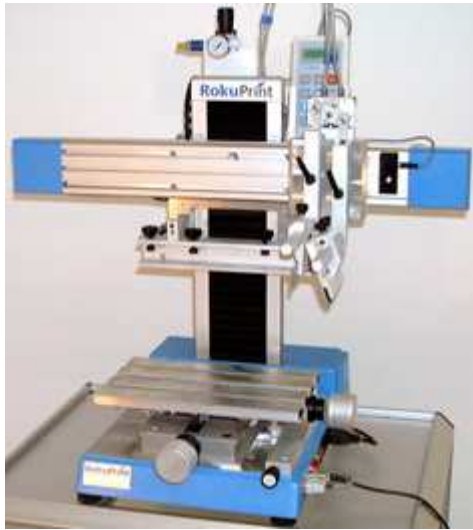


SD 05

RokuPrint

screen printing machines



Screen printing machine SD 05 with adjustable table KO 03 and pneumatic squeegee mechanism PR 01

Universal screen printing machine for flatprinting up to
print size (appr.) 320 x 220 mm (8.5 x 12.5 inch)

Advantages :

- Latest engineering to satisfy highest demands in high – grade quality , operating comfort and economy
- Driving system with controlled DC – motors (no compressed air)
- electronic microadjustment and correction of the screen detachment in programme operation
- electronic counter
- absolutely uniform covering ink application for excellent printing results
- high printing capacity (depending on the operator / automation) up to 1800 prints / hour
- for universal use
- very short time for retooling , due to memorizable printing adjustments and quick cleaning
- comfortable and easy operation
- space saving and portable , due to the very compact construction
- noiseless , precise , and due to the use of high – grade guides and drives only little maintenance
- low operating cost, because the standard models dont require compr. air and the consumpt. of power is low
- prepared for automatic operation

Technical data :

Max. printing size : (appr.) 320 x 220 mm (12.5 x 8.5 inch)

Max. space between screen and base (appr.) 160 / 250 mm (6 / 9.5 inch) (with / without adjustable table KO 03)

Max. printing capacity : (appr.) 1800 prints / hour (automated)

Printing attachment : pneumatic squeegee mechanism with separately adjustable printing squeegee and presqueegee

Option : electromechanical squeegee mechanism (machine needs no compressed air)

Screen frame : aluminium frame

Rectangular profile : recommended 20 x 20 mm (0.8 x 0.8 inch)

Max. usefull screen size : (appr.) 600 x 300 mm (23.5 x 11.5 inch)

Connective load : 230 vs. / 50 cps

Power input : 200 VA

Driving system : controlled D.C. motors

Weight : (appr.) 50 kg (appr. 110 lb)

Measurements (w x l x h) : (appr.) 820 x 550 x 660 mm (32 x 21.5 x 26 inch)

Control :

Microprocessor control . Programmable and menue guided adjustment of print stroke , screen detachment , screen lifting , printing speed and starting position . Electronic microadjustment and correction of the screen detachment in programme operation , adjustable continous operation , electronic counter , manual operating means with clear text display .

Signal interface : 24 V / DC with galvanically seperated inputs and outputs for starting the automation components , and for integrating the screen printing machine into the complete production plant .

perfect prints on objects

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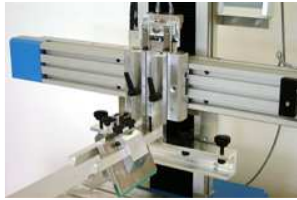
SD 05

Equipment / Options :



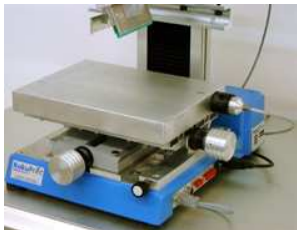
KO 03

XYR - adjustment table (3 axis) for SD 05



PR 01

**Pneumatic squeegee mechanism (incl. programmable printing axis (squeegee stroke)
- always required for rotary printing**



VC 01 - VD

Vacuum equipment - Vacuum generated by a compact machine integrated system , controlled by screen printer .

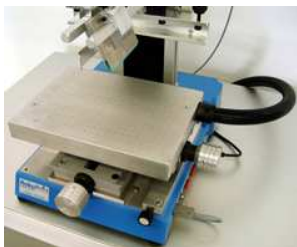
Vacuum plate made of anodised aluminium to be mounted on adjustment table KO 03

(plate size 350 x 250 x 40 mm / 13,5 x 9,5 x 1,5 inch)

(suction area appr. 320 x 220 mm / 12,5 x 8,5 inch)

Connection to compressed air (6 bar) required .

Application : For printing of thin flexible materials like paper , cardboard material , foils , transfers , ...



VC 01 - HD

Vacuum equipment - vacuum generated by external suction blower .

Vacuum plate made of anodised aluminium to be mounted on adjustment table KO 03

(plate size 350 x 250 x 40 mm / 13,5 x 9,5 x 1,5 inch)

(suction area appr. 320 x 220 mm / 12,5 x 8,5 inch)

Connection to compressed air (6 bar) required .

Application : For printing of thin flexible materials like paper , cardboard material , foils , transfers , ...



perfect prints on objects

SD 05

Equipment / Options :



RD 02

Universal round printing device , for one colour printing , without mechanical registration (parts driven by friction) , inclusive micro adjustable screen holder FS 01 , screen slide and squeegee head locking device (without individual partholder) optional - universal tooling with adjustable rolls to print on cylindrical objects .

Print size : Max. diameter of the parts (appr.) 40 mm (1,5 inch) - (max. length of the image : 120 mm (5 inch)

Max. screen size 280 mm (11 inch - length)

Extended print stroke on request .



RD 03

Round printing device , for multi colour printing , with mechanical registration (parts driven by rack and gear wheel) inclusive micro adjustable side screen holder FS 01 , screen slide , squeegee head locking device and complete gear rack drive (without individual partholder)

Print size : Max. diameter of the parts (appr.) 40 mm (1,5 inch) - (max. length of the image : 120 mm (5 inch)

Max. screen size 280 mm (11 inch - length)

Extended print stroke on request .



TT 01

Turning table with 2 positions (180° - forward and back) , pneumatic / mechanical drive system with adjustable end positions .

Option : Custom made tooling with integrated vacuum fixing available on request .

Application : Efficient printing of small objects

Advantages : The turning table allows to change one part comfortable in front of the screen while another one is printed .

Device is connected to machines interface and 6 bar compressed air . It`s started by foot padel or automatically by adjustable delay time .



FS 01

XY - micro adjustable side screen holder

(instead of XY – adjustment table KO 03)

Application : For using the machines on automatic production lines

SD 05

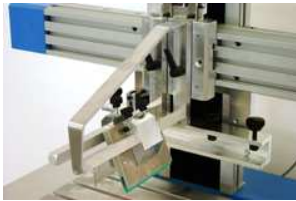
Equipment / Options :



SS 01

Side screen holder (for use of small screen sizes) not micro adjustable - recommended in combination with option XY – adjustment table KO 03

Application : For using narrow / small screens : ≤ 160 mm (6 inch) , square screen formats or screen frames / profiles that cannot be fixed by the standard screen holder on the back side (wooden screen frames , L – profile screen frames , ...)



VR 280 - HD

Extended horizontal squeegee (reinforced) and floodbar arms (280 mm)

Application : For printing on large objects in the front area of the machine`s base and for using large squeegees .



MR 01

Mechanical squeegee mechanism

(Machine needs no compressed air)



DA 1220

Extended horizontal printing axis (1220 mm)

- optional for rotary printing (max. diameter 100 mm)



HA 830

Extended vertical axis (830 mm)

- optional for max. space of 550 mm between machines base and screen

perfect prints on objects