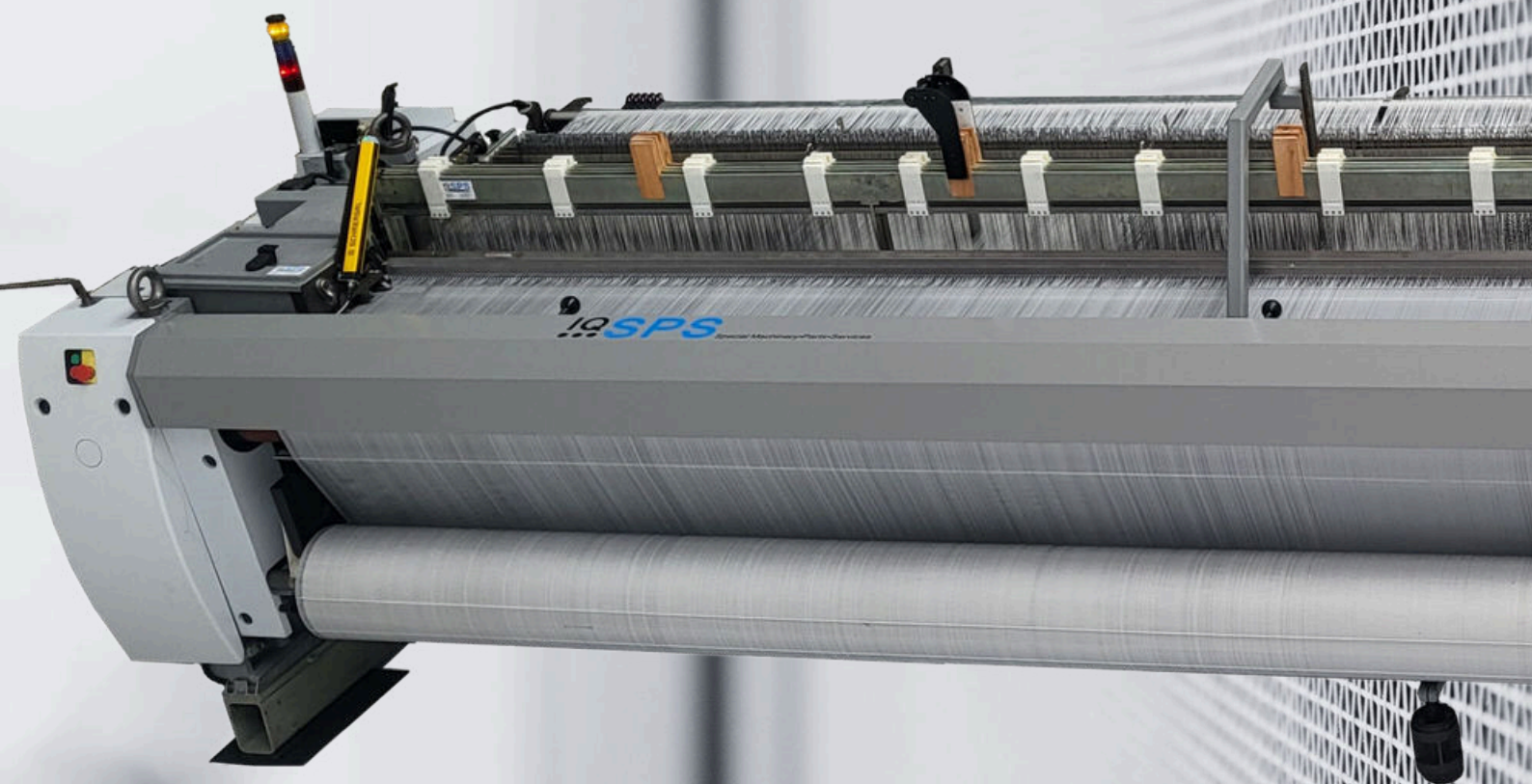


IQ-SPS Phoenix

Intelligent Technical Textiles



Your Partner in Weaving Technology

Phoenix

Overview



Positive
controlled
weft insertion



Shines with
maximum
economy



Saves 10
tons of CO²
and 5 tons of
steel per
machine



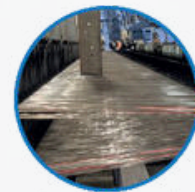
Extra wide
weaving
machine



No yarn
waste at
salvedge



Highest weft
insertion on
projectile machines
(up to 1600 m/min)



Smallest
Shed

Phoenix

Specification Options

Machine

- 1, 2 or 4 colours
- 1 - 18 harness drives
- Eccentric device EP 10 or 14
- Shed formation EP or SP up to 18 (Stäubli 2665)
- 1 or 2 whip rollers / deflecting rollers or warp tensioner
- Let off device electric SU/FA
- Upper warp beam possible
- Warp beam diameter up to 1100mm
- Take up drive mechanic or electric
- 1-6 contact bars
- Guide teeth block or single
- Automatic pick finding device
- Automatic shed formation device
- Projectile brake
- Cadenz lubrication

Accessories

- Warp beams light up to heavy duty
- Droppers
- Heddles
- Harness frames
- Batch winder
- Accumulators

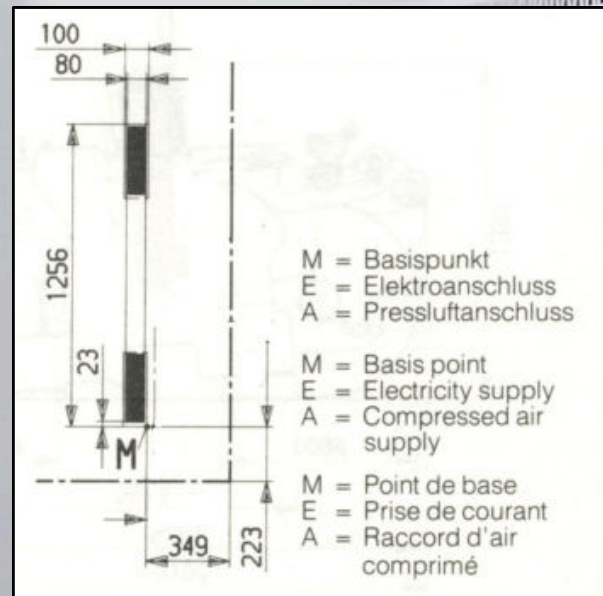


CE-Certification
complying with the latest
standards

Layout

Technical drawing of the side view of a machine. The drawing includes the following dimensions and features:

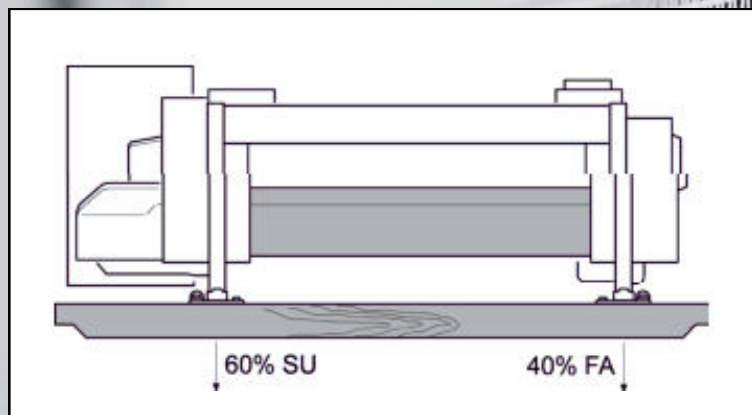
- Overall height: 1570
- Angle: 4°
- Base dimensions (from left to right): 95, 105, 360, 190, 360, 223, 35.
- Overall width: 1540
- Internal diameters: $\phi 1016$ and $\phi 500$.
- Other dimensions: 105, 360, 190, 360, 223, 35.



Phoenix

Weight

Nominal Width [cm]	EP	SP
430	5640	5960
460	5580	6350
540	6320	6500
655	7700	7880



Phoenix

Description

Phoenix **P** **460** **N** **4** **EP** **D12** **R**

Raw Materials

- B Cotton
- S Synthetics (filament yarns)
- W Wool
- P Polypropylene

Nominal Machine width (cm)

430, 460, 540, 670, 760

Design

- N Low build weaving machine (without healdframe superstructure)

Weft colours

- 2 two-weft colour, pick sequence control with electronically controlled magnet
- 4 four-weft colours with electronic pick sequence controls

Shedding

- EP positive tappet motion max. 14 heald frames
- SP positive dobby, electronically

Projectile Circuit

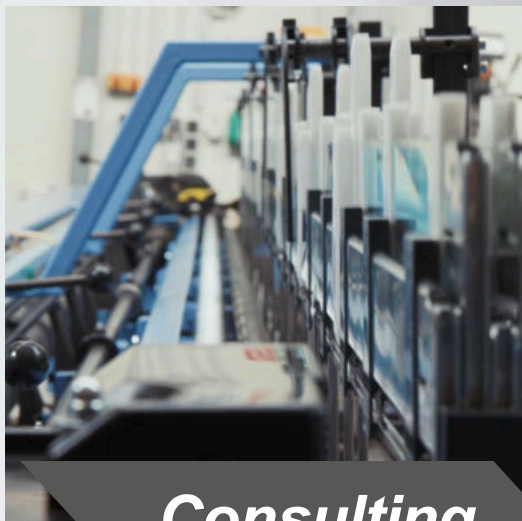
- D1
- D12 steel projectile with small cross-sectional area and large clamp
- D2 steel projectile with large cross section area for heavy yarns

Supplementary Equipment

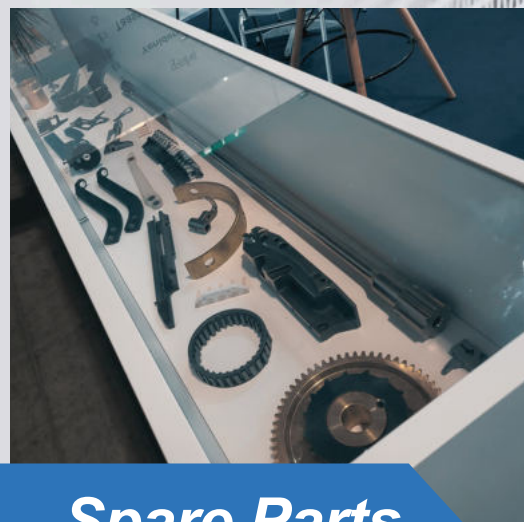
- R equipment for weaving heavy fabrics (up to 7.000 N per m fabric)
- R2 equipment for weaving heavy and dense fabrics (up to 10.000 N per m fabric)
- R3 equipment for weaving extremely heavy and dense fabrics (up to 15.000 N per m fabric)
- R4 equipment for weaving extremely heavy and dense fabrics (up to 20.000 N per m fabric)

Our Services

For Your Weaving Operations



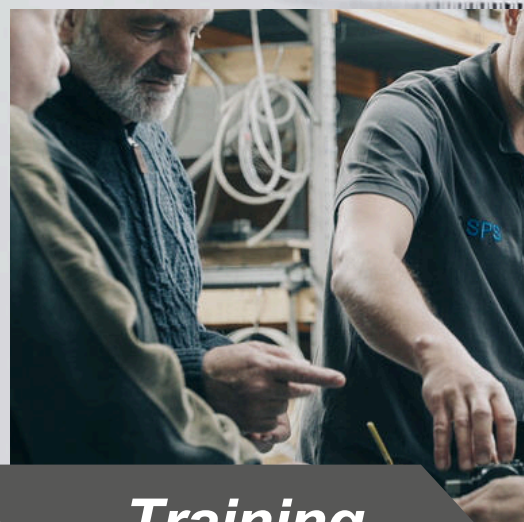
Consulting



Spare Parts



Maintenance



Training



CEOs Paul Horstmann & Thomas Huber

Our customers are our priority.

Since 2010, IQ-SPS GmbH is your competent and reliable partner for projectile weaving machines.

But it is not only machinery that we offer, we will also assist you with our wide variety of services such as trainings, consulting and our fast and reliable spare parts service – worldwide.



Talk To Us

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