

KTS-2550 CNC W Stud Welding System



KTS-2550 CNC W SOYER stud welding system with servomotor drive module for maximum working areas of 1550 mm x 2500 mm

The KTS-2550 CNC W stud welding system uses the latest in stud welding technology to achieve best accuracy, reliability and productivity in automatic stud welding applications. It enables fully automatic welding of studs and pins from 3 - 10 mm in diameter and up to 40 mm in length in accordance with all known stud welding processes.

Technical data

Clamping surface T-slot board
2800 mm x 1600 mm

Working area X-axis
2500 mm

Working area Y-axis
1550 mm

Load capacity of table board
100 kg

Headroom between T-slot board and X-axis
300 mm

Positioning speed
1 m/s max.

Appurtenances X-axis
according to customer requirements

Appurtenances Y-axis
according to customer requirements

Travel
X = 2500 mm, Y = 1550 mm for four welding heads

Operating accuracy
± 0.2 mm

Repeating accuracy
± 0.05 mm

Dimensions
5000 mm x 2830 mm x 3000 mm
(w x h x d, without control system)

Your reliable partner in stud welding technology!



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CNC Machining Centres



CNC Stud Welding Systems



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KTS-1050 CNC Stud Welding System



KTS-1050 CNC SOYER stud welding system with servomotor drive module for maximum working areas of 800 mm x 1030 mm

The KTS-1050 CNC stud welding system uses the latest in stud welding technology to achieve best accuracy, reliability and productivity in automatic stud welding applications. It enables fully automatic welding of studs and pins from 3 - 10 mm in diameter and up to 40 mm in length in accordance with all known stud welding processes.

Technical data

Clamping surface T-slot board

1540 mm x 1000 mm

Working area X-axis

800 mm without casing
(750 mm including casing)

Working area Y-axis

1030 mm

Load capacity of table board

100 kg

Headroom between T-slot board and X-axis

200 mm

Positioning speed

400 mm/s max.

Appurtenances X-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 32 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Appurtenances Y-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 60 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Travel

X = 800 mm, Y = 1030 mm, height adjustment via precision crank handle slide 150 mm, pneumatic welding stroke 120 mm

Operating accuracy

± 0.15 mm

Repeating accuracy

± 0.05 mm

Dimensions

1480 mm x 2050 mm x 1975 mm (w x h x d, without control system)

KTS-1550 CNC Stud Welding System



KTS-1550 CNC SOYER stud welding system with servomotor drive module for maximum working areas of 1100 mm x 1550 mm

The KTS-1550 CNC stud welding system uses the latest in stud welding technology to achieve best accuracy, reliability and productivity in automatic stud welding applications. It enables fully automatic welding of studs and pins from 3 - 10 mm in diameter and up to 40 mm in length in accordance with all known stud welding processes.

Technical data

Clamping surface T-slot board

2080 mm x 1300 mm

Working area X-axis

1100 mm without casing
(1050 mm including casing)

Working area Y-axis

1500 mm

Load capacity of table board

100 kg

Headroom between T-slot board and X-axis

200 mm

Positioning speed

370 mm/s max.

Appurtenances X-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 32 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Appurtenances Y-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 60 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Travel

X = 1100 mm, Y = 1550 mm, height adjustment via precision crank handle slide 150 mm, pneumatic welding stroke 120 mm

Operating accuracy

± 0.15 mm

Repeating accuracy

± 0.05 mm

Dimensions

1780 mm x 2050 mm x 2575 mm (w x h x d, without control system)

KTS-2550 CNC Stud Welding System



KTS-2550 CNC SOYER stud welding system with servomotor drive module for maximum working areas of 1400 mm x 2550 mm

The KTS-2550 CNC stud welding system uses the latest in stud welding technology to achieve best accuracy, reliability and productivity in automatic stud welding applications. It enables fully automatic welding of studs and pins from 3 - 10 mm in diameter and up to 40 mm in length in accordance with all known stud welding processes.

Technical data

Clamping surface T-slot board

3100 mm x 1600 mm

Working area X-axis

1400 mm without casing
(1300 mm including casing)

Working area Y-axis

2550 mm

Load capacity of table board

100 kg

Headroom between T-slot board and X-axis

200 mm

Positioning speed

320 mm/s max.

Appurtenances X-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 60 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Appurtenances Y-axis

Ball screw (pitch 20 mm) and servomotor drive module in closed loop 80 Ncm, linear guidance system with recirculating ball bearings type SHS-25C

Travel

X = 1400 mm, Y = 2550 mm, height adjustment via precision crank handle slide 150 mm, pneumatic welding stroke 120 mm

Operating accuracy

± 0.2 mm

Repeating accuracy

± 0.05 mm

Dimensions

1900 mm x 2050 mm x 3200 mm (w x h x d, without control system)

SOYER stud welding products offer optimum solutions for every type of application. Take advantage of our 40 years of expertise!

SOYER quality weld studs for all stud welding processes are available at favourable prices from stock. We look forward to your enquiry!

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