



F120, F160, FD120 - Punktschweißköpfe für die Automatisierung

Die Schweißköpfe der MIYACHI PECO F-Serie zeichnen sich durch eine hervorragende dynamische Reaktion und ein stabiles Nachsetzen aus. Sie eignen sich für eine Vielzahl von Widerstandsschweißanwendungen, die sowohl Präzision als auch Zuverlässigkeit erfordern.

Dank der Auswahl aus 3 Modellen mit Kraftbereichen von 1,2 bis 550 N finden Sie sicherlich den richtigen Schweißkopf für Ihre Anwendung.

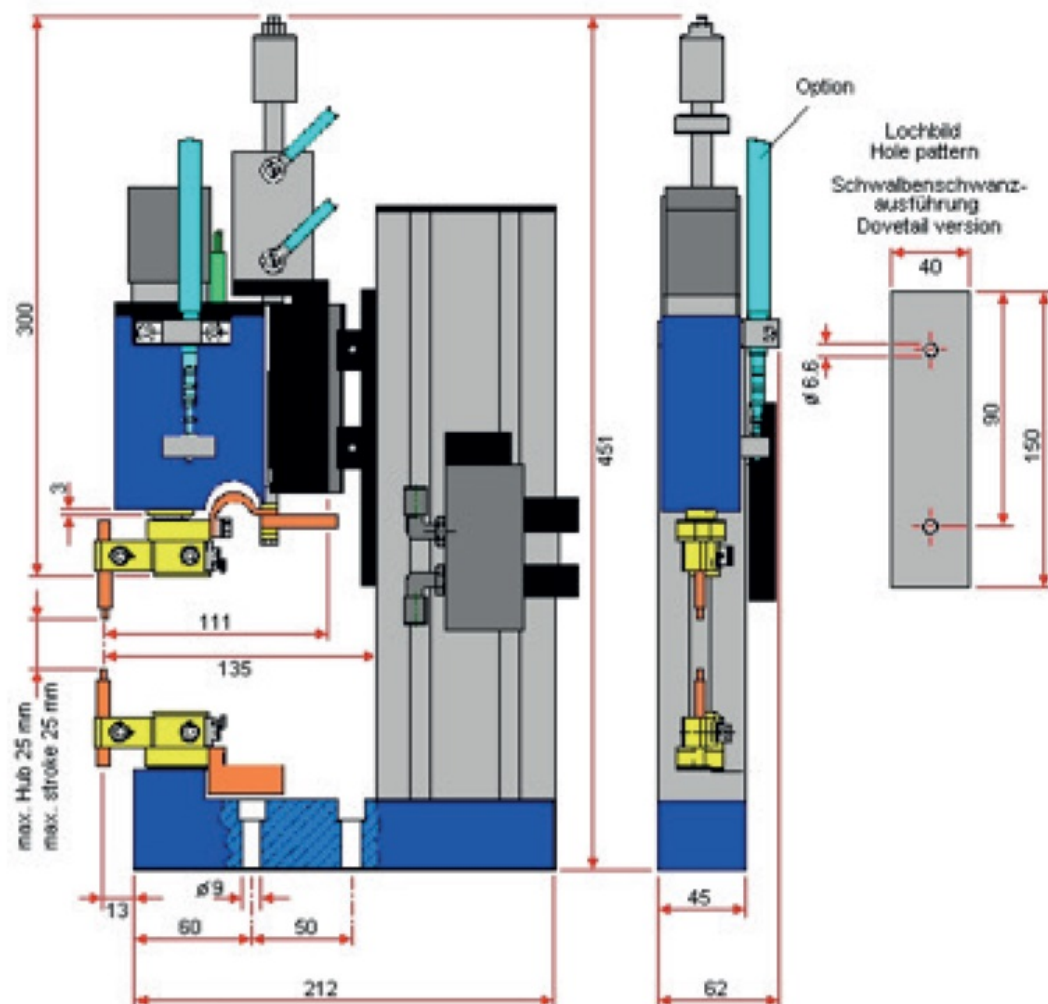
Spezifikationen F120, F160, FD120 - Punktschweißköpfe für die Automatisierung

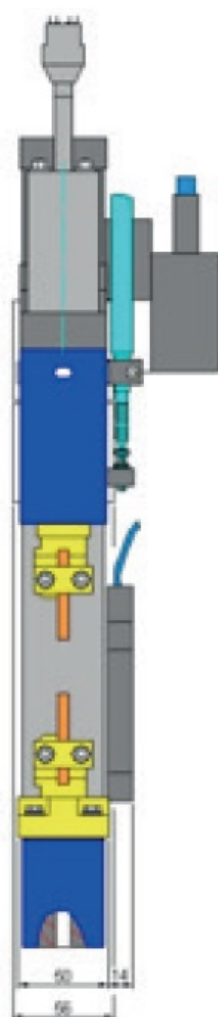
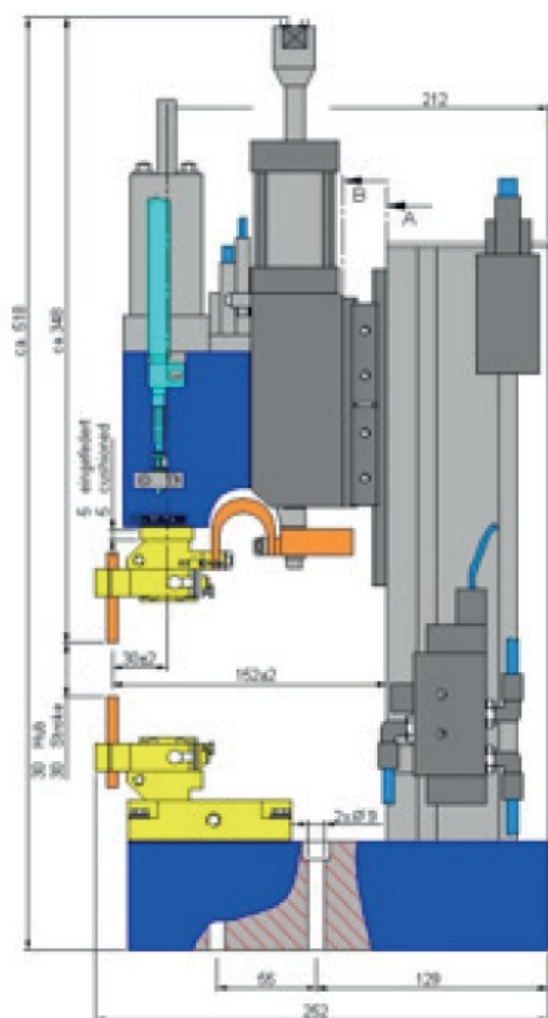
- > Modulares System für eine einfache Integration in die automatische Produktion
- > Einstellbare Kraftzündung von 1,2 bis 550 N
- > Schnelles Nachsetzen
- > Ideal für sicherheitskritische Anwendungen

Specifications F120, F160, FD120 - Punktschweißköpfe für die Automatisierung

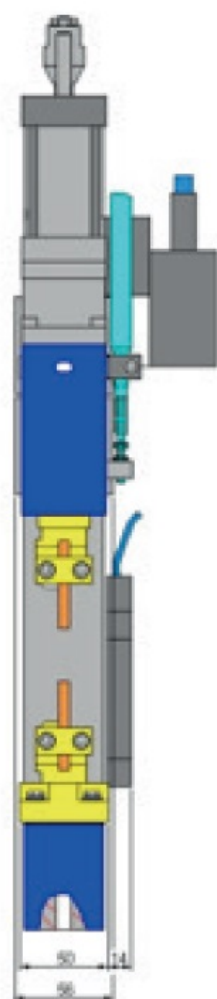
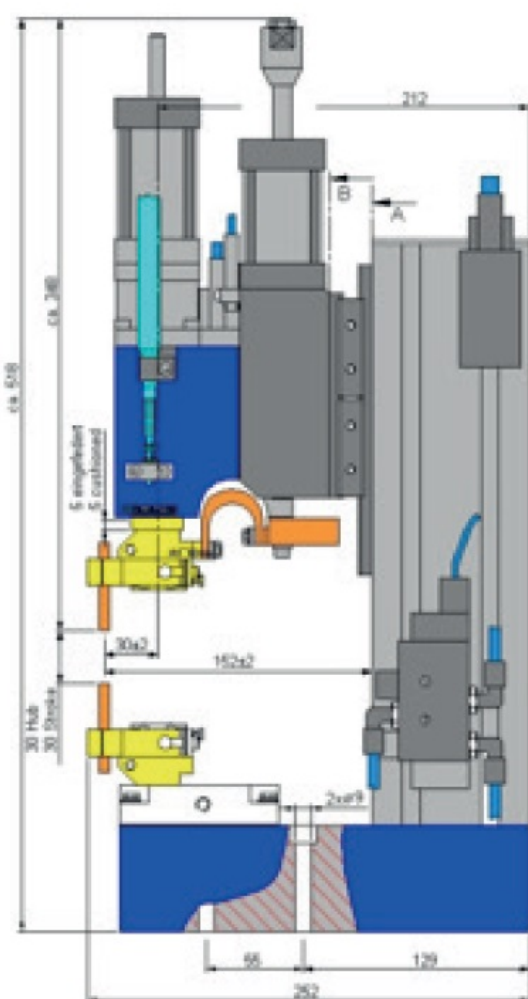
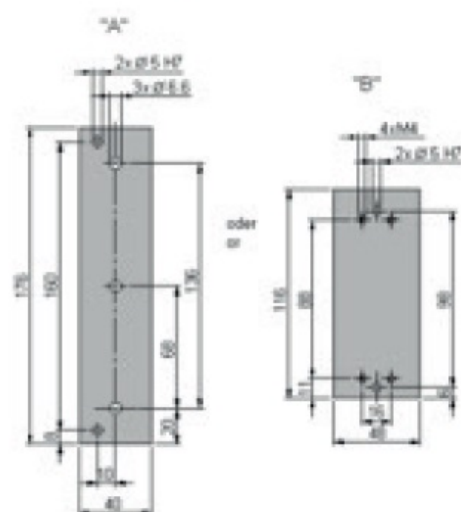
Modell	F120	F160	FD120
Konfiguration	F120 can be equipped with three and F160 with four different springs	F120 can be equipped with three and F160 with four different springs	F120 can be equipped with three and F160 with four different springs
Optionen	Add-on set - displacement measuring sensor; automatic weld head without stand and without lower electrode holde	Add-on set - displacement measuring sensor; electrode 10 mm; anti torsion protection	With portal
Max. Nennleistung	5 kA (2 kA with light current band)	5 kA (2 kA with light current band)	5 kA (2 kA with light current band)
Elektrodenhub	25 mm	25 mm	25 mm
Schließhub	pneumatic	pneumatic	pneumatic
Schweißdruck	via pneumatic pre-tensioned spring	via pneumatic pre-tensioned spring	via pneumatic pre-tensioned spring
Max. Schweißkraft	- 1.2 to 150 N -15: 1.2 to 15 N -- 45: 10 to 45 N -80: 18 to 80 N - 150: 45 to 150 N (all depend on spring)	-240: 50 to 240 N -550: 150 to 550 N (all depend on spring)	15 to 150 N (depends on spring)
Luftdruckversorgung	max 6 bar	max 6 bar	max 6 bar
Schweißkraftverstellung	-S and FD versions: adjustable screws on the scale housing - All other versions: via adjustable pressure control valve or proportional valve	-S and FD versions: adjustable screws on the scale housing - All other versions: via adjustable pressure control valve or proportional valve	-S and FD versions: adjustable screws on the scale housing - All other versions: via adjustable pressure control valve or proportional valve
Elektrodenform	cylindrical, d = 6 mm	cylindrical, d = 6 mm	cylindrical, d = 6 mm
Elektrodenhalter	quick change holder made of gold-plated aluminium at the top and bottom	quick change holder without antitension protection for electrodes	variable distance (max 10 mm) between the electrodes
Schweißkabel	2x95 mm², 700 mm long	4x95 mm², 700 mm long	2x95 mm², 700 mm long
Umgebungstemp.	0-40 °C	0-40 °C	0-40 °C
Gewicht	from 5,5 to 7 kg	approx. 8 kg	approx. 5,5 kg
Abmessungen (B x H x T)	vary	vary	260x420x90 mm

Drawings F120, F160, FD120 - Punktschweißköpfe für die Automatisierung

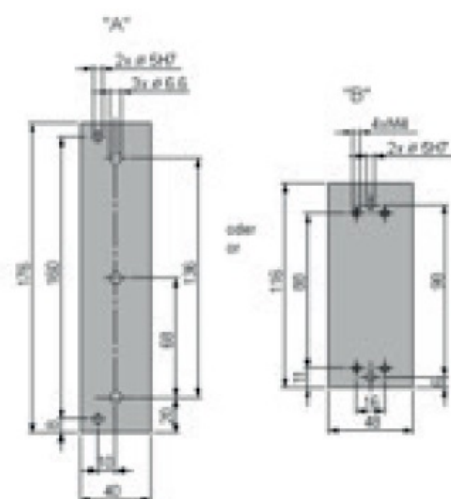


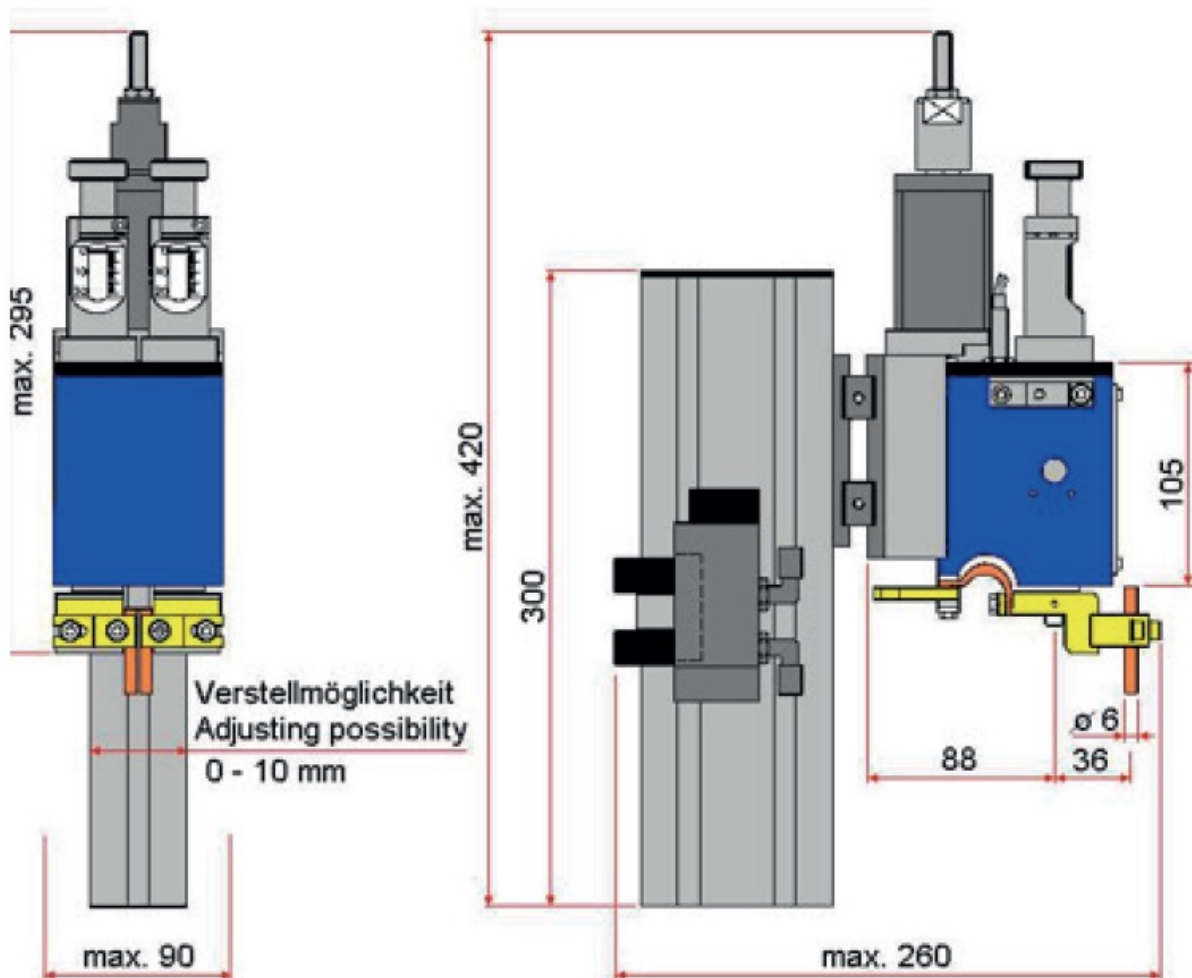
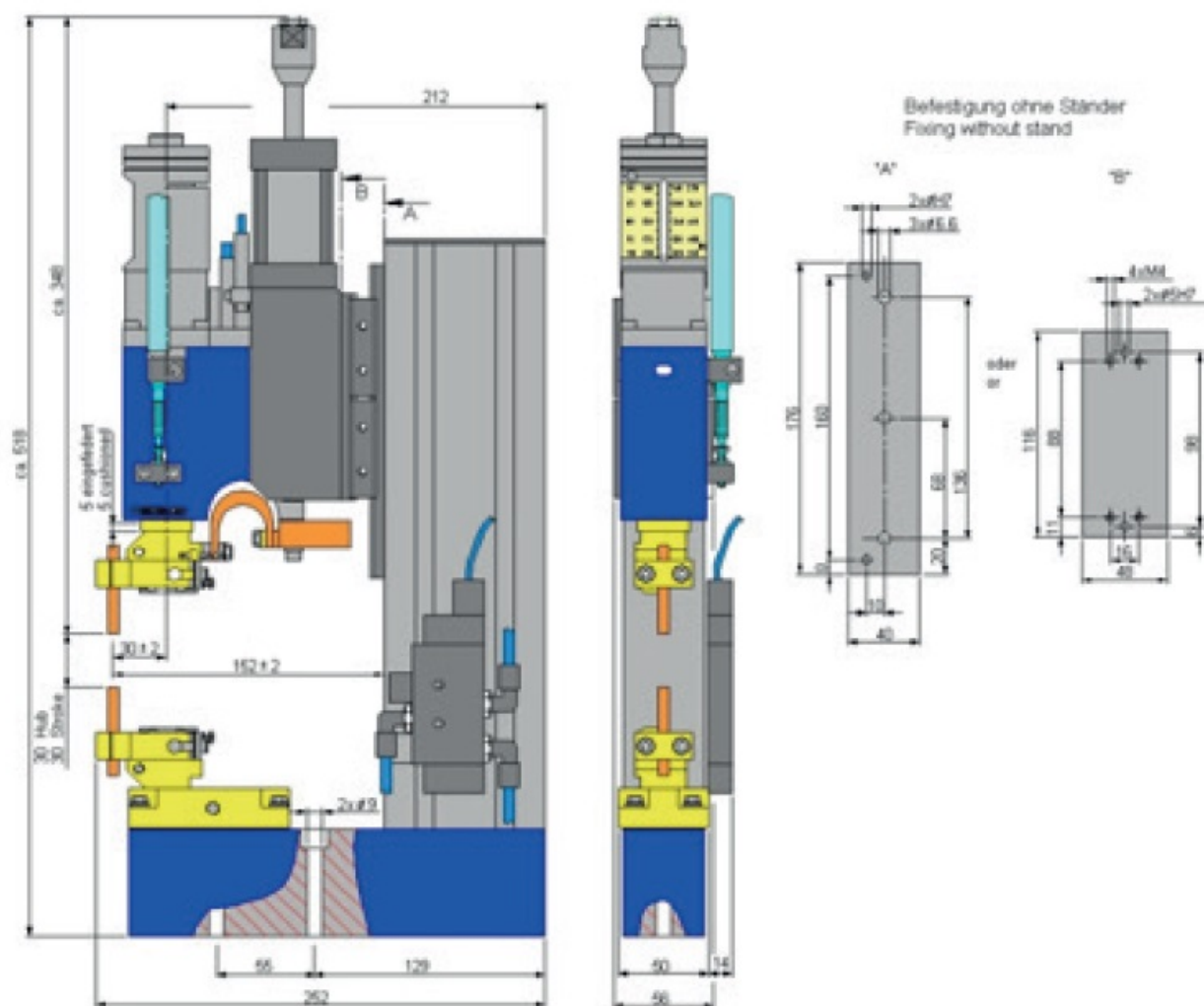


Befestigung ohne Ständer
Fixing without stand



Befestigung ohne Ständer
Fixing without stand





Product applications F120, F160, FD120 - Punktschweißköpfe für die Automatisierung



Crimp Weld Connector at gear box



Electronics



Interior Lighting

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OUR TECHNOLOGIES



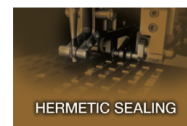
RESISTANCE WELDING



LASER WELDING



LASER MARKING



HERMETIC SEALING



HOT BAR REFLOW
SOLDERING & BONDING



SYSTEMS SOLUTIONS

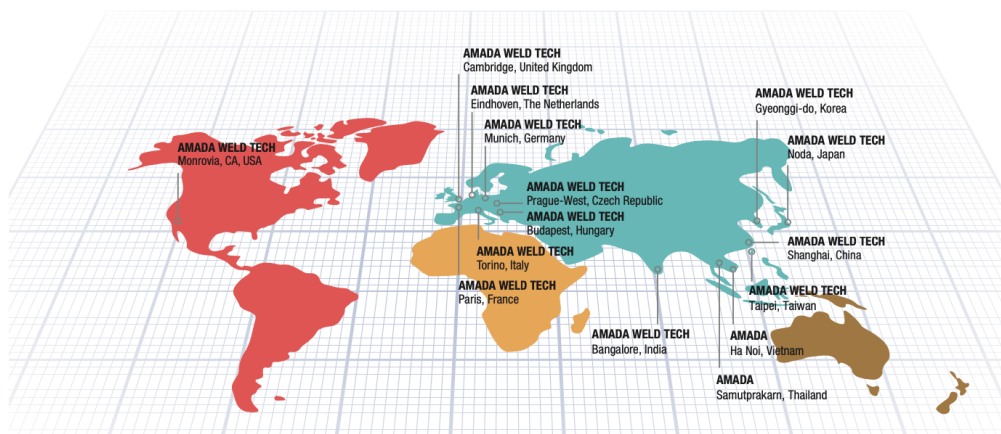


LASER CUTTING



MICRO TIG WELDING

OUR SALES OFFICES



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