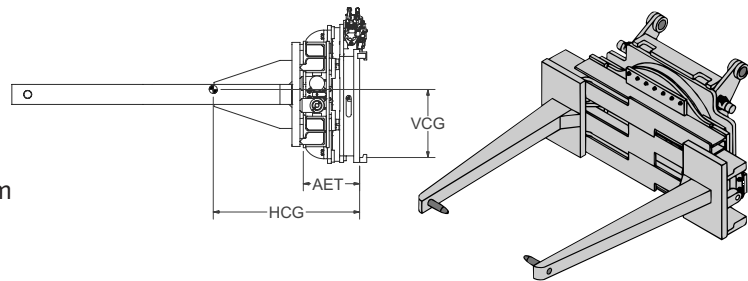


SQ Series Forging Clamps

- ▶ Handles molten billets/materials in and out of furnace
- ▶ Higher capacities and non-rotating models available
- ▶ High temperature packing and seals
- ▶ Shock absorbing accumulator protects hydraulic system



Forging Clamps: 360° Rotating, Sideshifting, 3 Functions

Model Number	Capacity lb @ LC (in) ¹	Opening Range (Arm to Arm) (in)	Arm Length (in) ⁴	Mounting		Weight (lb)
				Class	Angle (°)	
SQ-3FRSA	1,000 @ 68	5-44		II	0	1,780
SQ-8FRSC	3,000 @ 68	5-64	72	III or IV	0	4,415
SQ-12FRSC	4,250 @ 68	7-80		IV ²		6,100
SQ-20FRSN	6,700 @ 72	15-89				8,500
SQ-30FRSN	10,000 @ 72	21-92	76.5	Pin / Integral ³	0	11,210
SQ-40FRSN	15,000 @ 84	20-92	89			16,000
SQ-80FRSN	30,000 @ 96	10-96	102	Pin / Integral ³	0	26,750
SQ-120FRSN	75,000 @ 72	20-90	76			34,000

¹ Capacity of clamp and rotator at pin centers.

² Pin mounting option available.

³ Pin/integral mounting included in price.

⁴ Measured to end of arm.

! Minimum Truck Carriage Width

Model Number	Body Width (in)	Minimum Truck Carriage Width (in)
SQ-3FRSA	41	33
SQ-8FRSC	50	35
SQ-12FRS	64	45
SQ-20FRSN	64	N/A
SQ-30FRSN	60	N/A
SQ-40FRSN	72	N/A
SQ-80FRSN / SQ-120FRSN	84	N/A

Optional Equipment/Features

Description

Arm Modifications: Non-standard arm lengths

Modified arm gussets for special furnace charging operations

Interchangeable arm brackets

Tip Configurations: (Blank arms standard)

Slip-on pads

Pins

Modified Opening Ranges

Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
SQ3	12	2,000
SQ8 / 12 / 20	24	2,000
SQ30 / 40 / 80 / 120	Consult Factory	2,500

Hydraulic flow less than minimum may reduce operating speed and/or cause irregular arm movement. Higher flow may result in heat build-up, erratic operation and shortened hydraulic system life.

Optional Mounting Hooks

Model Number	Mounting Class
SQ-3FRSA	II
SQ-8FRSC	III or IV
SQ-12FRSC	IV ⁵
SQ-20 / 30 / 40 / 80 / 120	Pin / Integral

⁵ Pin mounting option available.

For mounting other than shown, consult factory.