



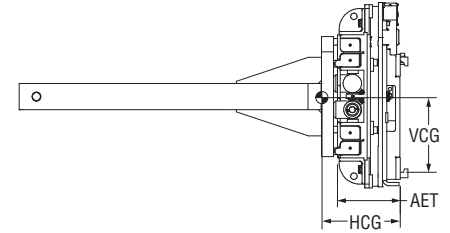
## Handle molten billets/materials in and out of furnace

Special hydraulic packing and seals withstand the high temperatures and stress caused by handling materials in and out of the furnace or the forge.

- Minimum lost load center.
- Standard unit Includes three different functions: clamping, sideshifting and 360° rotation.
- Wide range of optional features includes slip-on pads, modified opening ranges, special arm lengths, motor protection plates and non-rotating feature

## SQ Series Forging Clamps

Handles molten billets/materials in and out of the furnace  
 Higher capacities and non-rotating models available  
 High temperature packing and seals



### Forging Clamps: 360° Rotating, Sideshifting, 3 Functions

Model Number	Capacity lb @ LC (in) <sup>1</sup>	Opening Range (Arm to Arm) (in)	Arm Length (in) <sup>4</sup>	Mounting		Weight (lb)
				Class	Angle (°)	
SQ-3FRSA	1,000 @ 68	5-44	72	II	0	1,960
SQ-8FRSC	3,000 @ 68	5-64		III or IV	0	4,415
SQ-12FRSC	4,250 @ 68	7-80		IV <sup>2</sup>	0	6,100
SQ-20FRSN	6,700 @ 72	15-89	76.5	Pin/integral <sup>3</sup>	0	Consult Factory
SQ-30FRSN	10,000 @ 72	21-92				
SQ-40FRSN	15,000 @ 84	20-92	89	Pin/integral <sup>3</sup>	0	Consult Factory
SQ-80FRSN	30,000 @ 96	10-96	102			

<sup>1</sup> Capacity of clamp and rotator at pin centers.

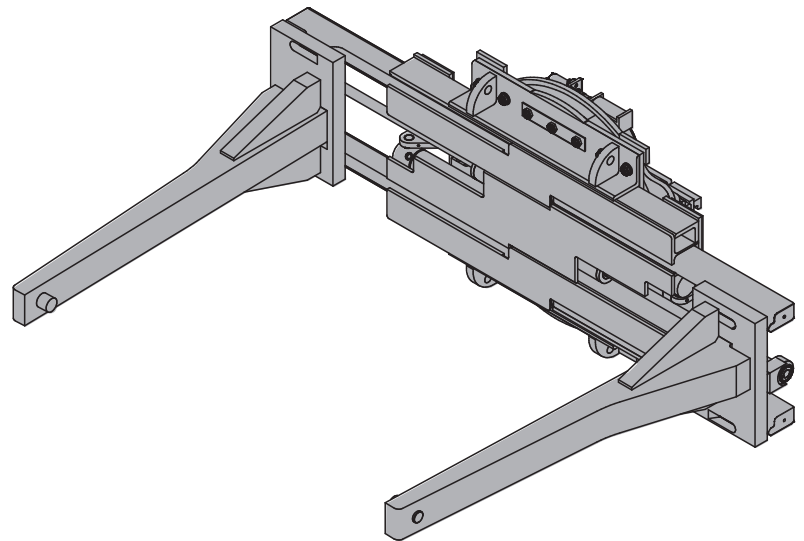
<sup>2</sup> Pin mounting option available.

<sup>3</sup> Pin/integral mounting included in price.

<sup>4</sup> Measured to end of arm.

### Optional Equipment Features

- Custom arm profile to meet furnace or press requirements
- Interchangeable arm bracket
- Tip configurations: slip on pads or pins (blank arms are standard)
- Modified opening ranges and arm lengths



### 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	64	N/A
SQ-40FRSN	72	N/A
SQ-80FRSN	84	N/A

### Recommended Hydraulic Supply

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

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