

Heavy Range Hydraulic Hammer

Model V1800 For carriers from 20 to 35 metric tons

Model V2500 For carriers from 27 to 40 metric tons



V1800

Tramac V1800 - V2500 hammers Engineered for high energy per blow & low frequency

Tramac's V1800 and V2500 are specifically engineered to provide high energy per blow and low frequency. Those hydraulic breakers offer an automatic two speed operating system. Designed for severe mine duty applications.

- **Main stroke energy production**
- **Automatic security device for protection against blank firing and sound signal for the operator.**
 - Patented blank firing detection system operates automatically as soon as the piston stroke exceeds 3mm, whereas other competitors rock breakers only detect blank firing from 15mm.
- **Power**
 - Energy chamber with diaphragm, similar to our V46 and V1600 breakers, ensures a constant hydraulic pressure and optimal performance. No gaz chamber to constantly refill.
- **Auto Protection**
 - Security stroke (short strokes)
 - Integrated overflow protection
 - Over pressure protection (autopower) and automatic pressure regulator
- **Adaptability**
 - Ensures optimal performance of the breaker at nominal pressure.
 - High back pressure level acceptable up to 25 bars. (365 psi)
- **Easy and simplified maintenance**
 - Upper and lower bushing form one part only and can be disassembled from the breaker while mounted. (Saving downtime)
 - Removable swivels
 - No hydraulic press required: easy assembly and maintenance.
- **Available in standard soundproof version**
 - Heavy duty housing, with lower part in heat-treated cast steel
 - Soundproof housing with plastic pads on all 4 sides
 - Reinforced suspension to reduce vibrations
 - Mixed greasing: manual or automatic lube station.



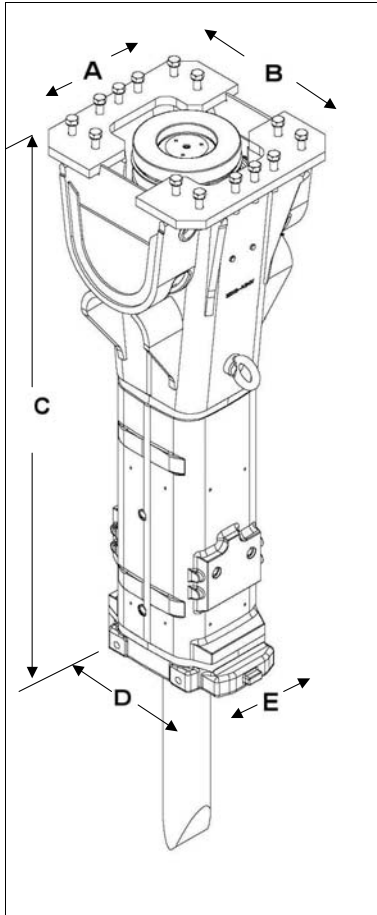
V2500

Heavy Range Hydraulic Hammer - Model V1800 - V2500



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Specifications and Dimensions



Tramac Heavy Mine Duty Hammer Specifications		V1800	V2500
Impact Class	ft lbs	6000	8000
Striking Rate (BPM)	min	310	350
	max	500	500
Recommended Carrier Weight	Metric tons	20 - 35	27 - 40
Flow Range	gpm	37 - 58	46 - 66
	lpm	140 - 220	175 - 250
Maximum Operating Pressure	psi	2393	2250
	bar	165	155
Average operating weight	lbs	3915	5555
	kg	1775	2520
Tool Diameter	inches	5,5	6,3
	mm	140	160
Overall Height w/tool & bracket	inches	118	128
	mm	3000	3240
← A →	inches	27,5	27,5
	mm	700	700
← B →	inches	28,5	29
	mm	724	740
← C →	inches	74,3	81,5
	mm	1887	2072
← D →	inches	18,7	22
	mm	475	568
← E →	inches	15	14,5
	mm	381	370

TRAMAC reserves the right to change or discontinue models and/or specifications without prior notice.



Quality and dependability: two features you can count on with every TRAMAC product.

All TRAMAC products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

They know that with TRAMAC, reliability is crucial; a basic component conscientiously built into every unit that bears our name.

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