

## Demolition Shears PFH Series

for carriers from 70,000 to 140,000 lbs.

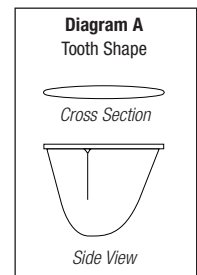


## Muscle Mate's PFH Shear with NEW cylinder rod protection

Muscle Mate PFH Series Demolition Shears cut steel and rebar, processing concrete quickly with a unique, patented tooth design that reduces power requirements and increases cracking speed. They are intended for use with carriers weighing between 70,000 and 140,000 lbs. **The PFH Series is designed for cracking and shearing heavily reinforced concrete beams and panels.**

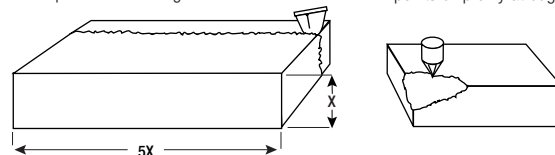
- **Patented breaker tooth concentrates splitting force**

- Unique, fin-like shape exerts great cracking force on concrete
- 40% less power needed compared to conventional pointed or pyramid-shaped teeth
- Cracking force is evenly distributed throughout closing arc
- Tooth maintains productive shape even as it wears



**Diagram B**

1. MUSCLE MATE's patented front breaker tooth splits material lengthwise.
2. Traditional conical or diamond-shape points chip only at edges.



MUSCLE MATE's patented front breaker tooth cracks concrete up to a length five times greater than its thickness (1. above). Conventional conical or pyramidal teeth tend to chip away edges and corners (2. above) rather than split lengthwise.

- **Cylinder protection**

- Heavy duty shielding protects cylinder rod

- **On-the-job flexibility**

- Third member mount takes advantage of the excavator's reach and maneuverability
- "Knock-around" swivel with a ball-and-spring rotation lock mechanism—shear automatically adjusts to most efficient cutting angle on contact with material

- **Heavy duty design for long working life**

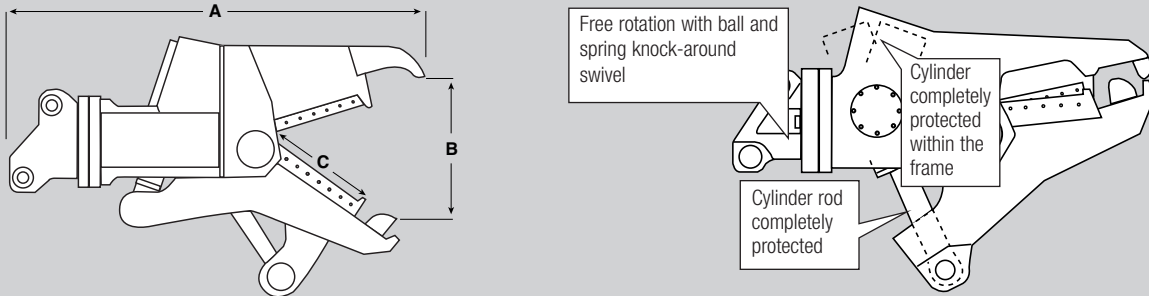
- High-alloy, abrasion-resistant, cast mono-bloc steel jaws
- Specially hardened, oversized main pivot shaft for continuous accurate alignment of jaws
- Special flanges and housings protect the cylinder and rod

For dimensions and specifications, see the back of this page.

PFH Series Demolition Shears

## PFH Series Demolition Shears

# Specifications and Dimensions



PFH Demolition Shears Specifications		730	1030	1230
Working Weight	<i>lbs</i> <i>kg</i>	4850 2200	7166 3250	9920 4500
Carrier Weight	<i>US tons</i>	24-45	45-60	50-70
Cutting Force (Measured at mid cutting blade)	<i>US tons</i>	154	172	216
Crushing Force (Measured at front tooth)	<i>US tons</i>	72	83	96
Operating Pressure	<i>psi</i> <i>bar</i>	4550 314	4550 314	4550 314
Width	<i>inches</i> <i>mm</i>	26 670	29.5 750	35 900
← A →	<i>inches</i> <i>mm</i>	104 2630	118 3000	132 3343
← B →	<i>inches</i> <i>mm</i>	31.5 800	43 1100	45 1140
← C →	<i>inches</i> <i>mm</i>	21 530	28 720	31 800
<b>Cutting Performances:</b>				
Rebar Ø x pcs.	<i>inches</i>	1.2 x 15	1.2 x 20	1.25 x 25
Beam	<i>inches</i>	18 x 8 x .5	20 x 8 x .6	24 x 8 x .7

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

Dealer:

### Quality and dependability: two features you can count on with every MUSCLE MATE product.

All MUSCLE MATE 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 MUSCLE MATE, reliability is crucial; a basic component we conscientiously build into every unit that bears our name.*



Muscle Mate is a Tramac Corporation brand.

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