

## Quotation Form Pressure ANFO Loaders *minsup*



Minsup pressure loaders are manufactured in several sizes 45, 100, 200, 250, 500 kg capacities and are designed for loading prilled ammonium nitrate/fuel oil (ANFO) in varying diameter drill holes, both in horizontal and vertical positions. After the loader has been filled to capacity, it is pressurised by compressed air to the pre-determined discharge pressure, thus the rate of discharge can be varied to obtain the required density and charge rate.

Specifications	
Designed & Manufactured:	In accordance with AS1210
Design Pressure:	690 kPa
Test Pressure:	1035 kPa
Working Pressure	345 kPa
Design Temperature:	38°C

### 1. What size/capacity is required?

Anfo Size	Volume	Actual Anfo Capacity	
45kg	68 L	54kg	045
100kg	146 L	117kg	100
200kg	268 L	214kg	200
250kg	336 L	269kg	250
250kg <i>squat</i>	263 L	210kg	250
500kg	836 L	669kg	500
500kg <i>squat</i>	631 L	504kg	500

Note: ANFO density = 800kg/m<sup>3</sup>

### 2. Body material is mild steel:

Optional stainless steel available on 500kg models only.

MS - Mild Steel

For stainless steel, contact your Dixon representative.

### 3. If size/capacity = 250 OR 500:

Optional squat version is available to reduce overall height. (Refer table for dimensions)

T - Standard		Q - Squat
045	250	250
100		500
200		

### 4. Is on-site servicing of internal sealing cone required?

If **Yes** = F - Flanged Opening on Head, Sealing Cone Replaceable

If **No** = S - Shouldered Opening Sealing Cone Permanent

### Pressure Vessel Designation

PV

1234

5678

#### EXAMPLE

PV045MSTFOFMD - Pressure Vessel, 45kg capacity, mild steel body, standard height, flanged opening, open filler cone, frame mounted, manifold and dual remote control.

### 5. Does unit require lid and trash screen to aid breaking of ANFO and prevention of foreign objects from entering unit when not in use?

If **Yes** = L - Lid and Trash Screen

If **No** = O - Open Filler Cone (Standard)

### 6. Is unit required to be self standing or mounted?

F = Self Standing (frame)

All vessels come with frames to aid in shipping, Customer to remove if not required.

### 7. Do you require standard Minsup air system to be fitted?

M = Yes (go to question 8) (manifold and valves to be fitted)

X = No (end of quote) (no manifold)

### 8. What method of operation is required?

M = Manual Valve Control.

S = Actuated Loading Valve Control (single remote)

D = Actuated Loading & Venturi Valve Control (dual remote)

(this option allows blowing facility for cleaning of holes).

X = No Controls (only when no manifold specified in question 7).

Additional Notes: \_\_\_\_\_