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EXPLORATION, MINING AND RESOURCE INDUSTRY SUPPLIES

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RED DALE HOLDINGS PTY LTD ACN.009 378 063 ABN.25 009 378 063

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

Pressure Vessel Designation

PV				
	1	2	3	4
	5	6	7	8

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 ^{squat}	263 L	210kg	250
500kg	836 L	669kg	500
500kg ^{squat}	631 L	504kg	500

Note: ANFO density = 800kg/m³

2. Body material is mild steel:

Optional stainless steel available on "500kg" models only.

MS - Mild Steel

SS - Stainless Steel (316) ("500kg" models only)

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	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

Additional Notes: _____

Company Name: _____
 Company Contact: _____
 Company Phone Number: _____
 Company Fax Number: _____
 Email Address: _____

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)

X = Mounted on site (no 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).