

OPERATOR'S MANUAL



Pneumatic Pokers
Models V125
V635
V645
V655
V665
V675
Operator's Manual

FAIRPORT

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1. SAFETY

Wear eye protection.

Wear ear protection.

Wear gloves

Wear safety footwear

Comply with site safety regulations.

Never hold the vibrator head.

Always turn off the air at the supply point before installing, removing or performing any repair or maintenance.

Check before using the poker that the hoses and fittings are not damaged, frayed or have deteriorated.

2. TECHNICAL DATA

Poker Model	V125	V635	V645	V655	V665	V675
Assembly no.	92457	92666	92667	92668	92669	92670
Head dia., mm	28	35	45	55	65	75
Head length, mm	253	280	320	341	352	391
Total length, mm	2653	2640	2670	2700	2700	2740
Total weight, kg	3.8	6.0	8.0	9.0	10.0	15.0
Frequency, vpm	17000	18000	17000	17000	18000	18000
Centrifugal force, N	840	1924	3500	6050	9301	14851
Air cons., l/min	410	608	736	820	1018	1218
Sound power, dB(A)	101	107	113	109	113	112
At operator pos'n, dB(A)	88	94	100	96	100	99
Hand-arm vibration, m/sec ²	1.3	3.0	2.7	4.5	4.4	2.2

Hand-arm vibration measured 1 metre from poker head

3. OPERATING INSTRUCTIONS

Read section on safety.

Vibrators are delivered without lubrication. Before starting add oil to lubricator, see below.

For safety, optimum performance and maximum durability of parts, operate with an air supply of 90 psig (6.2 bar/620 kPa). Maximum air pressure must not exceed 94 psig (6.5 bar/650 kPa).

Ensure all hoses are clean internally before connecting supply to the vibrator.

It may be necessary to tap the vibrator's nose on a hard surface to start it vibrating. Move the poker frequently. A little and often over an area is better than holding it in one place for a long time.

Make sure the whole area is covered.

Withdraw the poker slowly to ensure the hole is closed with adequately vibrated concrete.

When using a poker in timber formwork make sure the poker does not damage the formwork. Consider using a poker with a rubber nose cap. See your supplier.

Do not try to vibrate concrete in layers greater than 400mm.

Do not stop the vibration of the poker whilst still in concrete. It may prove difficult to remove and it will leave a void.

To disconnect hoses always shut off air supply to the vibrator and then open twist grip to relieve air pressure.

4. SERVICING AND LUBRICATION

Top up lubricator before use.

Every four hours of use top up lubricator.

After use clean the vibrator thoroughly and hang head upward with control grip open to drain off any water and dirt.

A more comprehensive manual suitable for workshop use is available from Fairport Construction Equipment Ltd.

LUBRICANTS

Use an automotive engine oil as follows:

Oil SAE No.	Ambient Temperature
5	Below -12°C (10°F)
10	-12°C - 27°C (10°F - 80°F)
20	Above 27°C (80°F)

Capacity of lubricator reservoir is 120cc.

5. WARRANTY CONDITIONS AND CLAIMS PROCEDURE

All products supplied by Fairport Construction Equipment Ltd (hereafter referred to as FCE) are warranted to be free of defects due to faulty materials or workmanship for a period of 12 months from the date of original despatch from FCE or as specified below:

Hydraulic hoses and hydraulic couplings – 3 months.

Hydraulic accumulators – 6 months.

Flexible drives – 6 months.

All spare parts used in repairs carried out by FCE or an authorized dealer or repairer – 3 months.

If the goods have been purchased through a stockist the above warranty periods also apply from receipt of the goods by the user of the equipment up to a total of a further 6 months from date of despatch from FCE whichever is earlier.

Filter elements, gauges and oils are specifically excluded from this warranty.

FCE shall at their option repair or replace during normal working hours goods accepted as faulty free of charge to the user.

For proprietary items such as engines, the original manufacturer's warranty and conditions shall apply.

CONDITIONS

The goods shall be returned at the purchaser's expense to FCE or to a destination FCE may reasonably direct. Carriage costs will be refunded if warranty is accepted.

Warranty claims will not be considered where there is evidence that failure has been caused by carelessness, improper use, negligence, inadequate servicing, incorrect engine speeds, fair wear and tear or non-compliance with instructions issued by the manufacturer.

To the extent permitted by law, the liability of FCE under this section is confined only to providing a remedy for defective goods and does not extend to any consequential loss, loss of profit, injury or damage suffered.

Warranty will not be accepted on dismantled goods unless dismantling was carried out with the written permission of FCE.

No claim shall be considered if other than genuine parts supplied by FCE have been used.

Products are only covered by this warranty in the country to where they were supplied by FCE.

Warranty on products applies only to the original user of the equipment.

This warranty shall not apply if the serial number or other identifying numbers or marks applied by FCE have been removed, defaced or are otherwise illegible.

CLAIMS PROCEDURE

Check that the goods are still under warranty before returning them to FCE (see above for warranty periods).

Return the goods to FCE with an order number for the work to proceed. If warranty is accepted no charge will be made. If warranty is not accepted a quotation will be given for the repair and the conditions under the section headed REPAIRS AND ESTIMATES will apply.

In the customer's interest, goods must be accompanied by documentation detailing the nature of the fault or its symptoms. Phrases such as 'Faulty' are unacceptable and will result in delays and possible charges to defray costs incurred in identifying the fault.

In the case of hydraulic breakers and power packs, both the breaker and the pack should be returned

6. REPAIRS AND ESTIMATES

When returning a machine, or an assembly for repair, always include an Advice Note quoting model and serial number of the machine.

An official order must also be forwarded to FCE giving detailed instructions. No repair work can be carried out unless covered by an official order.

An estimate will be submitted before proceeding with any repair. To partly cover the cost in dismantling, cleaning and inspection, a small charge will be made, this however will be waived upon receipt of your official instructions to proceed with the repair.

In the event of the estimate not being accepted, a further charge will be made to defray the rebuilding of the machine.

Estimates must be treated as approximate only as it may be found necessary to use additional parts on further examination.