

TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PART LISTS**

FOR

**AGITATOR, PAIN SHAKER
MODEL 5033/DG
(NSN 4940-00-251-6475)
(RED DEVIL, INC.)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

JUNE 1981

Technical Manual

No. 9-4940-542-14&P



HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 1 June 1981

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and General Support Maintenance Manual
Including Repair Parts List
For
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MODEL 5033/DG
(NSN 4940-00-251-6475)**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this equipment is issued.

Manufactured by: Red Devil, Inc.
2400 Vauxhall Road
Union, NJ 07083

Procured under Contract No. DAAA09-80-C-2061

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

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For #5033/DG
NSN-4940-00-251-6475

Mixer, Liquid, Agitator Type in Accordance with Military Specifications MIL-M'3070C, Type II, Size 1/2 H.P.

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**OPERATION, SERVICE & MAINTENANCE MANUAL
for 5033/DG Paint Conditioner**

I. SAFETY PRECAUTIONS

1. Make certain machine is firmly secured to floor. This can be accomplished with two pieces of 6 x 6's or with #5054 optional base. #5054 Base - Invert the base and set it on two 4 x 4's. Place washers on the bolts supplied with the base. Insert these bolts into four bushings (pipes). Mix up cement and pour it into the base. Level of the cement should be approximately ¼ to ½" below the sides of the base. Allow it to stand for two days. After you have turned the base over, place a #39 rubber foot on each bolt and set the machine into place. Place a washer and nut on each bolt and tighten. Lag each corner of the base to the floor.

Base made up from 6 x 6's - Obtain two each 6 x 6's 24" in length. Since one is to be placed under the two front feet and the other under the two rear feet of the machine, bolt them into the floor so that the space in between the 2 6 x 6's is 12-1/4". If you have a cement floor, we would suggest that you anchor these 6 x 6's into the floor with a threaded rod and a threaded expansion screw anchor. Place the 5033/DG on the 6 x 6's making certain that you have a #39 rubber foot under each leg. Secure the machine to the 6 x 6's with 4 each 3/8" x 4-1/2" lag screws.

2. The machine must be installed by a qualified electrician to a 115 volt 60 cycle power source.
3. The 5033/DG Paint Conditioner is designed to handle 2 cases of 4 - 1 gallon cans per case, a 5 gallon can or smaller containers ranging down to 1 gallon. If you are unable to reach the can or case with the upper jaw, place the odd size can adaptor supplied with the machine on the can or case and then secure with the upper jaw of the can clamp assembly. If you contemplate operating this machine with loads greater than specified above, we would suggest that you contact Red Devil, Inc. and give them full details of your operation.
4. Do not overtighten adjusting handle #71 which actuates the #70 upper plate container holder.
5. Before starting machine, make certain that you have tightened the clutch in order to hold the can clamp assembly (can holder) rigid to the #47 fork rod. If the container holder begins to slip or rotate while the machine is in operation, see II, Operating Instructions, paragraph 4.