SERVICE MANUAL Tigercat 630B SKIDDER

ISSUE 5.0, OCTOBER 2003

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630B Available Literature

Operator's Manual, English	. Part No. 13061A	
Manual do Operador, Portugês	Part No. 18851A	
Manual de Operación, Espanôl	Part No. 15801A	
Manuel de L'operateur, Français	Part No. 14960A	
Service Manual, English (This Manual)	Part No. 13062A	
Manual de serviçios, Espanôl	Part No. 18852A	
Parts Catalog, English	Part No. 13060A	
Hydraulic Adapters Book, English	Part No. 1472A	
Hose Assemblies Book, English	Part No. 3707A	

Tigercat Industries Inc. P.O. Box 544
Paris, Ontario

Canada N3L 3T6

Tel: (519) 442-1000 Fax: (519) 442-1855

Tigercat 630B Skidder

INTRODUCTION

An Operator's manual, Service manual and a Parts catalog are provided by **Tigercat** to assist the dealer, customer and operator in becoming familiar with the features of the 630B Skidder.

The operator's manual will assist the operator with the techniques of proper and safe operation of the Skidder. The service manual contains safety guidelines, a preventive maintenance schedule and servicing procedures to ensure optimum machine performance.

Section 1 in both the operator's manual and the service manual contains safety information that must be followed. As well, throughout the rest of the manuals WATON. IG and CAUTION notices are displayed where necessary, drawing attention to possible hazards when performing certain procedures.

Only trained personnel should be allowed to operate or york on the machine.

The phrase "and up" appearing in this manual offer the serial number implies that the related information is current for any machine serial number HIGHER than the serial number preceding the "and up".

Tigercat reserves the right to make the right to

Every effort is made to serd of tup lates on a regular basis. If the machine in question was built after the release date of this manual and there is a discrepancy, call Tigercat service department. The release date appears on the first pere.

The Company reserves the light to change information contained herein at any time without prior notice.

Tigerca, vastries Inc.

S.A.E. STANDARDS ROLL-OVER PROTECTION STRUCTURES (ROPS) FALLING OBJECTS PROTECTION STRUCTURES (FOPS) OPERATOR PROTECTION STRUCTURES (OPS) * MODIFICATIONS AND REPAIRS:

The integrity of the ROPS, FOPS, OPS structure and its continued ability to provide the level of protection it was designed for could be seriously affected by any modifications to the structure, its mounting or to the chassis to which it is attached.

Tigercat emphasizes that the certification of approval of the ROPS, FOPS, OPS structure will become void if any such modifications take place.

Tigercat may officially grant approval for modifications only by:

- i) Written approval of repairs or modifications signed by the Tigercat Engineering Manager; or
- ii) Approved modifications officially released by Tigerc: c.

Both of the above are provided that the work is carried out in the factory approved manner.

Unauthorized modifications and/or repairs made or continuted to by a customer or a **Tigercat** distributor may result in creating a dangerous situation and the risk involved of the egligent in creating this situation.

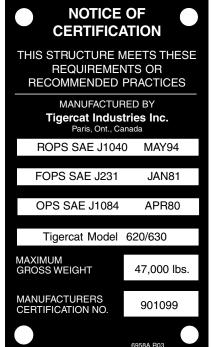
Tigercat will not be held responsible for situations arising from having created unauthorized modifications/changes to the structure.

Operator's cabs are designed to RC (S, OPS, OPS standards so that they will withstand force and absorb energy during a roll-over (DO, O), when resisting the impact of a falling object (FOPS) and minimize the possibility of operator injury from penetrating objects (OPS). When a permanent deflection of the structure occurs, the substance can no longer provide the original designed level of protection and should be replaced. Attended to straighten the structure, particularly by the application of heat, can reduce still further the otrustices remaining capability to protect.

The mounting and the firme or chassis to which the cab is attached is considered an integral part of the ROPS, FOPS, OPS and is included in the design, test and certification of the product.

Contact the Tare at Service department before attempting any modifications or repair to roll-over protectives.

Tige >2 Industries Inc.



NON-APPROVED FIELD PRODUCT CHANGES

The installation of any unauthorized attachment or changes made of any kind to this **Tigercat** product could affect the product's ability to perform as originally intended. The product's integrity, stability and safety could be at serious risk.

IT IS **Tigercat** POLICY THAT NO CHANGES ARE TO BE MADE TO ITS PRODUCTS INCLUDING DELETIONS OR ADDITIONS OTHER THAN A **Tigercat** APPROVED OPTION FITTED IN THE FACTORY APPROVED MANNER.

Official approval to make changes or install options is **only** as follows:

- i) The relevant options for that product must be shown or listed on <u>current</u> Tigercat documentation or literature such as a printed specification sheet, price list, parts manual, or product literature issued by Tigercat.
- ii) Approved options or product changes authorized in writing by the **Tigercat** Engineering Manager.

AUTHORIZATION BY ANY OTHER PERSON IS UNACCETTAL E.

Unauthorized changes made or contributed to by a person or organization may result in creating a dangerous situation and therefore the person or organization will be considered to have assumed the risk involved or be negligent in creating this situation

Weight is an important factor when considering of ddition of options or an attachment, Refer to your **Tigercat** distributor for information on maximum permissible operating weight and the effect the addition of various options may have on your maximum.

Tigercat will not be held responsible for my situation that may arise resulting from Non-approved Field Product Changes to its product.

Should **Tigercat** become in all diverged a suit resulting from changes made to the product without proper authorization by **Tigercat** as a sted above, **Tigercat** will take whatever action is appropriate to protect its interests.

The product warranty policy and the certification on any safety items installed on the modified product will become NULL at 100 lb if the above policy is not adhered to as specified.

Non-approve product changes also nullify warranties given to **Tigercat** by its component manufacturers.

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