

USE AND MAINTENANCE MANUAL

POTATO DIGGER TYPE DM 50



PREFACE

This manual is an integral part of the machine.

It must always accompany the machine and be kept within reach of the operator.
The enclosures mentioned are an integral part of this manual.

The purpose of this manual.

This manual gives information for the correct and safe use of the machine.
The owner must read this manual carefully before work with the machine.

Responsibility of the owner

The owner is responsible for accidents or damages caused to people or things due to negligence in following the instructions in this manual.

Assistance in using this manual

Explanations: contact the dealer.

Request for additional copies of the manual: in case of loss or wear and tear, or in case one wants the manual in a different language, the customer should ask the dealer or manufacturer.

Pay attention to the warning signals



<Danger>: indicates a situation that is potentially dangerous which, if not avoided, will cause death or serious damage.



<Warning>: indicates a situation that is potentially dangerous which, if not avoided, will cause death or serious damage.



<Caution>: indicates a situation that is potentially dangerous which, if not avoided, can cause minor to moderate damage or it indicates to be careful about an unsafe procedure.

<Important>: indicates instructions that must be followed precisely in order to avoid damage to the product, process or environment.

<Note>: indicates supplementary information.

DESCRIPTION

CAMPO DI IMPIEGO

The machine is designed to dig potatoes on small and medium field. The machine digs potatoes using an oscillating plowshare that discharges on an oscillating sieve that divides potatoes from soil. The potatoes are discharged on furrow under working.

The machine moves on soil with two wheels and it is connected to tractor III° point.

The machine takes motion through a PTO joint connected to the tractor PTO.

PERFORMANCES

Working depth is adjustable from 6 to 12 inches acting on tractor third point bracket.

PERFORMANCES LIMITS

- Maximum forwarding speed: 3 m.p.h.
- Speeds greater than the maximum can compromise the condition of the machine, the quality of the work and the safety of the operator.

DOTAZIONE STANDARD

- **Standard PTO shaft**

TECHNICAL SPECIFICATIONS

CHARATTERISTICS PER MODEL

Model	Type	Power		PTO	Working width		Working depth		Plow	3 points hitch	Weight	
		Hp	Kw		g/min	cm	Inch	Cm			Inch	N°
DM	50	20-35	15-26	540	50	20	15÷30	6÷13	1	1	115	253

SAFETY INFORMATION

GENERAL REGULATIONS

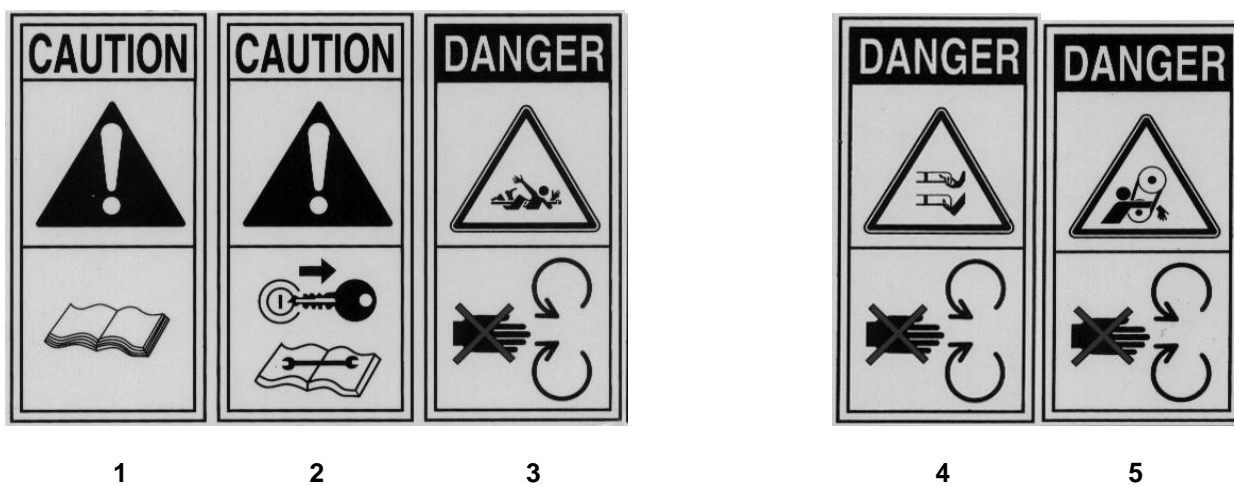
- ❑ Only work in daylight.
- ❑ The protections are integral part of the machine: always work with the protections.
- ❑ Pay attention to the soil: make sure that are not stones, sticks, iron wires, etc...
- ❑ Pay attention using the machine on slopes: proceed to the maximum slope and never work in slanting direction.
- ❑ Before leaving the driver's seat, turn off the engine and disengage the transmission engine-shaft.
- ❑ Check immediately the machine if it touches foreign objects.
- ❑ Check immediately the machine if there are unusual strong vibrations.
- ❑ Change quickly defective parts.

SAFETY RESTRICTIONS

Children and people who are not familiar with these instructions must not be permitted to use the machine. Local regulations can restrict the use of the machine in accordance to the age.

SAFETY SIGNES ON THE MACHINE

In this section, the safety signs on the machine are reproduced and explained.



1. Read the operator manual.
2. Disconnect the tractor key before maintenance and repair operations.
3. Stay at safety distance from blades when machine is moving.
4. Stay at safety distance from blades when machine is moving.
5. Stay at safety distance from blades when machine is moving.

The safety signs on the machine must always be legible.

In case of damage, the labels of the signs must be substituted.

In the case of the substitution of machine parts that have safety signs, the signs must be replaced.

Supplying of new safety labels and the application procedure

Contact your dealer to receive new safety labels with instructions for application.

1. BEFORE BEGINNING WORK

- a) Hook the machine to the tractor.
- b) With the machine raised, go to the work area.
- c) If necessary regulate the working depth acting on tractor III° point bracket.
- d) Connect the PTO shaft to mower P.T.O.
- e) Check that the PTO chain is attached to the dragging hook so as to prevent the protection sheath of the PTO from rotating.

2. TO BEGINNING WORK

- a) Keep people, animals and things at least 15 meters from the machine. Start the engine and lower the 3 cutting components as follows:
- b) Insert the PTO gradually bring it to 540 r.p.m.
- c) Begin digging.

3. AT THE END OF CUTTING OPERATION

- a) Stop the tractor.
- b) Disconnect the PTO.
- c) Disconnect the PTO joint.
- d) Raise the machine.
- e) Proceed to a visual check of the blades to make sure if there are damages.

MAINTENANCE INSTRUCTIONS

On diagram "A" the maintenances are indicated with their terms to effect on the machine.
Not follow the scheduled terms can compromise the functionality of the machine and in this case the warranty is not applicable.

DIAGRAM "A" SCHEDULED MAINTENANCE

	FIRST START	AFTER 10 H.	EACH 30 H.	EACH 500 H.	END SEASON	BEGINNIN G WORK	END WORK
MACHINE	Greasing		Greasing		Cleaning Greasing		Cleaning
SCREWS		Locking	Locking				

TRANSPORT

Except when working, moving the machine takes place when the machine is standing still and the transmission is disconnected.

<Important>: keep speed low avoiding holes and ground roughness.

<Important>: Before begin the movements always make sure that the safety hooks be in position.

<Note when on the road, obey existing traffic laws. Exhibit the signal signs on the rear ends. Respect any local laws there may be.

STORAGE

Store the machine in a dry place that isn't dusty.

INFORMATION ON DEMOLITION



At the end of its working life, the machine must be sent to be demolished and that can only be done by an authorized authority, in accordance with the national laws in force for the environment. Therefore it is necessary to get information from the qualified local authorities on the procedure to follow. The machine is mainly composed of: iron materials and paints.

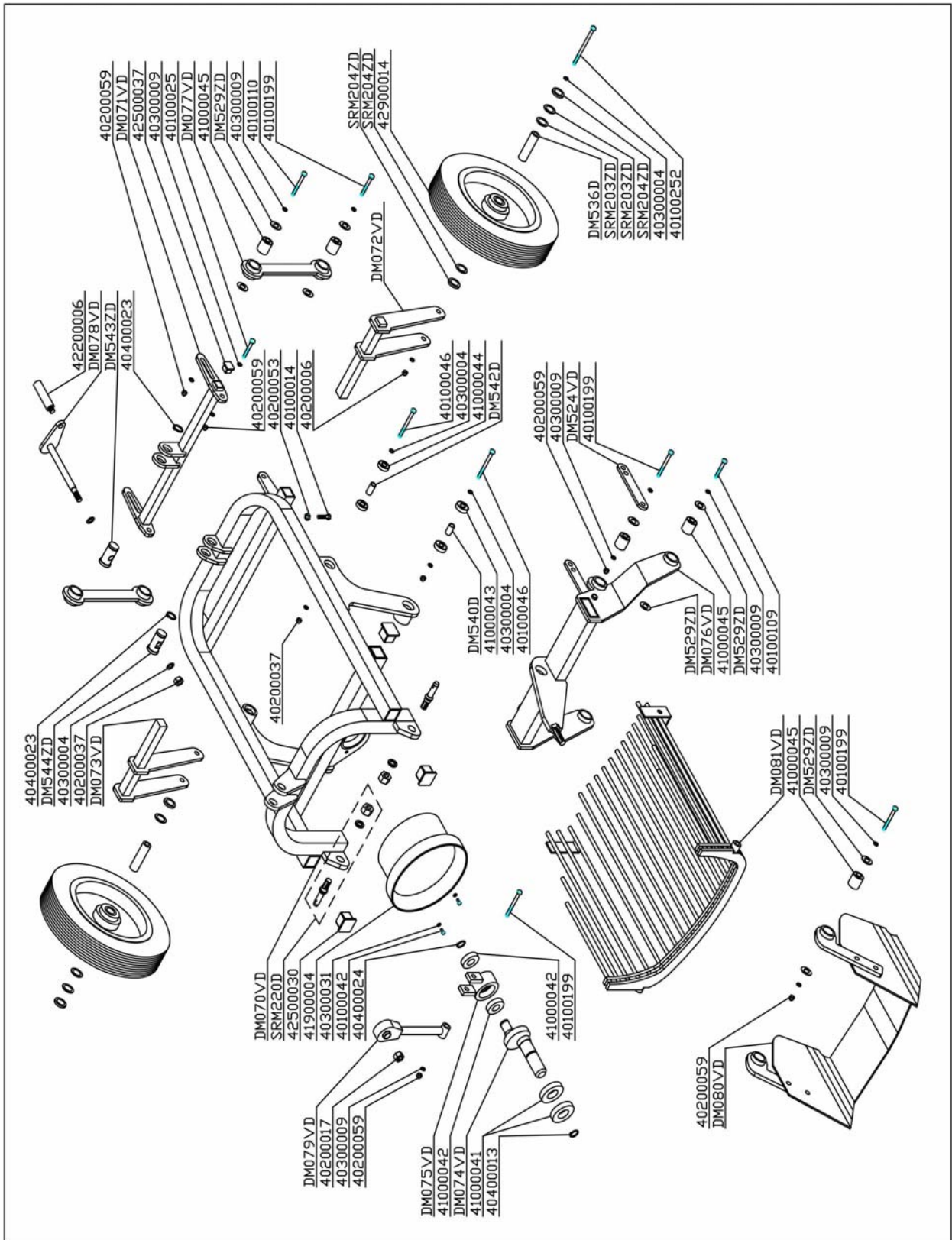
WARRANTY

The machine is covered by the manufacturer warranty for a period of 24 months.

The warranty is not applicable when:

- a) The maintenance work has not been done correctly.
- b) The machine has been used out of its own service.
- c) The machine has been transformed or modified without the manufacturer's written authorization.

SPARE PARTS AND ACCESSORIES



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Dichiarazione CE di conformità ai sensi della Direttiva Macchine 2006/42/CE

CE declaration of conformity under the Machinery Directive 2006/42/CE

Déclaration CE de conformité conforme a la Directive Machine 2006/42/CE

Eg konformitätserklärung im Sinne der Eg Vorschrift Maschine 2006/42/CE

D E L M O R I N O S. R. L.”

- Via Caroni di Sotto n. 19 -

- 52033 CAPRESE MICHELANGELO (AREZZO) ITALIA .

Dichiara sotto la propria responsabilità che la macchina :“SCAVAPATATE » è conforme ai requisiti di sicurezza e di tutela della salute di cui alla “Direttiva Macchine **2006/42/CE.**”

Per la verifica delle conformità alla direttiva sopramenzionata sono state consultate le norme armonizzate **UNI EN ISO 12100:2010; 13857:2008; 4254-1:2010; 4254-5:2010.**

Under Its own responsibility declare that the machine “POTATO LIFTER” complies to the safety and health protection requirement of machinery directive **2006/42/CE.**

To verify the conformity to the above mentioned directive, have been consulted the harmonized standards **UNI EN ISO 12100:2010; 13857:2008; 4254-1:2010; 4254-5:2010.**

Déclarons sous notre responsabilité que la machine “ARRACHEUSE DE POMMES” est conforme aux prescriptions en matière de sécurité et de santé stipulée dans la directive machine **2006/42/CE.**

Pour le contrôle des conformités des directive citées ont été consultées les règles unifiées **UNI EN ISO 12100:2010; 13857:2008; 4254-1:2010; 4254-5:2010.**

Erklärt hiermit in eigener Verantwortung dass der maschine “KARTOFFELRODER” Die Schutzanforderungen und den Gesundheitsschutz, gemäß der **2006/42/CE** einhalt.

Für Überprüfung der Konformität der oben genannten Vorschriften wurden Vorschriften konsultiert **UNI EN ISO 12100:2010; 13857:2008; 4254-1:2010; 4254-5:2010.**

**SCAVAPATATE - POTATO LIFTER - ARRACHEUSE DE POMMES -
KARTOFFELRODER**

TYPE	MODEL						
DM							
50							

Matr. n° : _____ Caprese Michelangelo li : _____


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