

**MIL-STD-628D**  
**11 December 1984**  
**SUPERSEDING**  
**MIL-STD-628C**  
**4 March 1974**

## **MILITARY STANDARD**

**TRACTORS, FULL-TRACKED, LOW-SPEED**



**FSC 2410**

MIL-STD-628D

DEPARTMENT OF DEFENSE  
Washington, D.C. 20301

Tractors, Full-Tracked, Low-Speed

MIL-STD-628D

1. This Military Standard is approved for use by U.S. Army Belvoir Research and Development Center, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to U.S. Army Belvoir Research and Development Center, ATTN: STRBE-DS, Fort Belvoir, VA 22060-5606 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document, or by letter.

## MIL-STD-628D

### FOREWORD

This document establishes standard models of diesel-engine-driven, full-tracked, low-speed tractors procured by the Department of Defense.

## MIL-STD-628D

### CONTENTS

	Page
Paragraph 1. SCOPE	1
1.1 Purpose	1
1.2 Application	1
2. REFERENCED DOCUMENTS	1
3. DEFINITIONS (Not applicable)	1
4. GENERAL REQUIREMENTS	1
5. DETAILED REQUIREMENTS	2

### TABLES

Table I. Tractors, Full-Tracked, Low-Speed	2
--	---

### APPENDIX

Appendix A. Information Material	4
----------------------------------	---

## MIL-STD-628D

## 1. SCOPE

1.1 Purpose. This standard establishes standard models of diesel-engine-driven, full-tracked, low-speed tractors with attachments for procurement by the military services of the Department of Defense.

1.2 Application. Procurement of tractors, full-tracked, low-speed, diesel-engine-driven, shall be confined to the standard models listed herein. Requisitions for tractors with attachments not listed herein shall be accompanied by an explanation-justification as to why a standard model cannot be used.

## 2. APPLICABLE DOCUMENTS

2.1 Issues of documents. The following documents of the issue in effect on the date of invitation for bids or request for proposal form a part of this standard to the extent specified herein.

## SPECIFICATIONS

## FEDERAL

KKK-T-631 - Tractor, Full-Tracked, Low-Speed  
(Diesel-Engine-Driven).

## MILITARY

MIL-T-52270 - Tractor, Full-Tracked, Low-Speed:  
Diesel-Engine-Driven, Medium Drawbar Pull.

MIL-T-52509 - Tractor, Full-Tracked, Low-Speed,  
Diesel-Engine-Driven, Sectionalized and  
Non-sectionalized.

MIL-T-52510 - Tractor, Full-Tracked, Low-Speed;  
Diesel-Engine-Driven, Air Transportable,  
Air-Droppable and Helicopter-Transportable.

MIL-T-52907 - Tractor, Full-Tracked, Low-Speed, DED, Heavy  
Drawbar Pull, Size T-11 Commercial  
Construction Equipment (CCE).

(Copies of specifications, standards, and drawings required by contractors in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting activity or directed by the contracting officer.)

## 3. DEFINITIONS – (Not Applicable)

## 4. GENERAL REQUIREMENTS

4.1 Primary use. The low-speed, full-tracked tractors shall be used primarily for drawbar, winch and dozer operations and shall be diesel-engine-driven.

## MIL-STD-628D

## 5. DETAILED REQUIREMENTS

5.1 Attachments. The low-speed, full-tracked tractors shall have attachments applicable to the models shown in table I.

TABLE I. Tractors, Full-Tracked, Low-Speed.

Item	Specification and Classification	Type of dozer	Attachments
1.	KKK-T-631 Size T-3  Size T-5  Size T-7  Size T-9  Size T-11	Hydraulic operated straight (semi-u) or angle dozer as required. Hydraulic operated straight (semi-u) or angle dozer as required. Hydraulic operated straight (semi-u) or angle dozer as required. Hydraulic operated straight (semi-u) or angle dozer as required. Hydraulic operated straight (semi-u) or angle dozer as required.	Equipped with attachments as applicable. Equipped with attachments as applicable. Equipped with attachments as applicable. Equipped with attachments as applicable. Equipped with attachments as applicable.
2.	MIL-T-52270 Type I  Type II	Hydraulic operated straight (semi-u) tilt type dozer. Hydraulic operated straight (semi-u) tilt type dozer.	Equipped with 3-shank rear mounted ripper. Equipped with rear mounted winch with integral drawbar.
3.	MIL-T-52509 Type I (Non-sectionalized) Type II (Sectionalized)	Hydraulic operated angle dozer. Hydraulic operated angle dozer.	Equipped with rear mounted winch with integral drawbar. Equipped with rear mounted winch with integral drawbar and sectionalization kit.
4.	MIL-T-52510 Air Transportable, Air Droppable, and Helicopter Transportable	Hydraulic operated angle dozer.	Equipped with rear mounted towing winch with integral drawbar.

## MIL-STD-628D

TABLE I. Tractors, Full-Track, Low-Speed. (Continued)

Item	Specification and Classification	Type of dozer	Attachments
5.	MIL-T-52907		
	Type I	Hydraulic operated straight (semi-u) tilt type dozer.	Equipped with rear mounted ripper.
	Type II	Hydraulic operated angle dozer.	Equipped with rear mounted winch with integral drawbar.

## Custodians:

Army - ME  
 Navy - YD  
 Air Force - 99

## Preparing activity:

Army - ME

Project 2410-0038

## Review activities:

Army - AT, CE  
 Air Force - 84

## User activities:

Navy - MC

## MIL-STD-628D

### APPENDIX A

#### INFORMATION MATERIAL

The following list of specifications does not form a part of this standard. It is provided as information material to assist in the procurement of full-tracked tractors.

- |             |   |
|-------------|---|
| MIL-A-17076 | - Angledozers and Bulldozers, Earthmoving: Cable and Hydraulic Operated for Crawler Tractors. |
| MIL-S-20706 | - Scarifier Assemblies, Back-Rip, Earth, Dozer Mounted.                                       |
| MIL-R-52183 | - Rippers, Tractor Mounting.  |
| MIL-T-52582 | - Treedozer, Tractor Mounting.  |