

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-Track, Low-Speed

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FOREWORD

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

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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-Track, Low-Speed (Diesel-Engine-Driven). |
|-----------|---|

MILITARY

| | |
|-------------|--|
| MIL-T-52270 | - Tractor, Full-Track, Low-Speed: Diesel-Engine-Driven, Medium Drawbar Pull. |
| MIL-T-52509 | - Tractor, Full-Track, Low-Speed, Diesel-Engine-Driven, Sectionalized and Non-sectionalized. |
| MIL-T-52510 | - Tractor, Full-Track, Low-Speed; Diesel-Engine-Driven, Air Transportable, Air-Droppable and Helicopter-Transportable. |
| MIL-T-52907 | - Tractor, Full-Track, 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.

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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 | Hydraulic operated straight (semi-u) or angle dozer as required. | Equipped with attachments as applicable. |
| | Size T-5 | Hydraulic operated straight (semi-u) or angle dozer as required. | Equipped with attachments as applicable. |
| | Size T-7 | Hydraulic operated straight (semi-u) or angle dozer as required. | Equipped with attachments as applicable. |
| | Size T-9 | Hydraulic operated straight (semi-u) or angle dozer as required. | Equipped with attachments as applicable. |
| | Size T-11 | Hydraulic operated straight (semi-u) angle or "u" type dozer as required. | Equipped with attachments as applicable. |
| 2. | MIL-T-52270 | | |
| | Type I | Hydraulic operated straight (semi-u) tilt type dozer. | Equipped with 3-shank rear mounted ripper. |
| | Type II | Hydraulic operated straight (semi-u) tilt type dozer. | Equipped with rear mounted winch with integral drawbar. |
| 3. | MIL-T-52509 | | |
| | Type I (Non-sectionalized) | Hydraulic operated angle dozer. | Equipped with rear mounted winch with integral drawbar. |
| | Type II (Sectionalized) | Hydraulic operated angle dozer. | 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. |

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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

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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 | - Angledozer 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. |