

[INCH-POUND]
A-A-50564
JULY 12, 1996
SUPERSEDING
MIL-F-23019E(YD)
27 NOVEMBER 1991

COMMERCIAL ITEM DESCRIPTION

FINISHING MACHINE, CONCRETE, ROTARY, GASOLINE ENGINE, HAND CONTROLLED

1. **SCOPE.** This Commercial Item Description (CID) covers gasoline engine powered concrete finishing machine intended for making a rough and finished surface from a freshly poured concrete slab.

2. SALIENT CHARACTERISTICS.

2.1 Standard commercial product. The machine shall, as a minimum, be in accordance with the requirements of this CID, and shall be the manufacturer's standard commercial product. Additional or better features which are not specifically prohibited by this specification, but which are a part of the manufacturer's commercial product, shall be included in the unit being furnished. A standard commercial product is a product which has been sold, or is being currently offered for sale on the commercial market, through advertisements or manufacturer's catalogs, or brochures, and represents the latest production model.

2.2 Gasoline engine. The gasoline engine shall be air-cooled, 4-cycle, recoil start with the minimum engine horsepower as specified (see 6.1).

2.3 Operating handle. The operating handle bar shall be adjustable. The stop switch, throttle, and blade pitch adjusting handle shall be easily reachable from the operators position.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Commanding Officer (Code 156), Naval Construction Battalion Center, 1000 23rd Avenue, Port Hueneme, CA 93043-4301.

AMSC N/A

FSC 3895

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2.4 Spider. The spider shall be aluminum alloy, cast iron or steel, four-arm, and with variable speed trowel rotor. With the blades attached, the operating diameter shall be not less than 36 inches or 915 millimeters (mm).

2.5 Blades. The machine shall be furnished with three types of abrasion-resistant-steel blades listed as follows:

- a. One (1) set clamp-on float blade, 10-inch by 14 -inch (254 mm by 355 mm).
- b. One (1) set finish blade, 6-inch by 14-inch (152 mm by 355 mm).
- c. Three (3) sets combination float and finish blade, 10-inch by 14-inch (254 mm by 355 mm).

2.6 Tolerances. Dimensions shown herein shall have tolerances not to exceed $\pm 1/16$ -inch (1.58 mm).

2.7 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerances specified and all other requirements of this document are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the specification preparing activity for changes in the document.

3. REGULATORY REQUIREMENTS.

3.1 Recovered materials. The offeror/contractor is encourage to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE PROVISION.

4.1 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5. PACKAGING.

5.1 Packaging requirements. The preservation, packing, and marking shall be as specified in the contract or order (see 6.1).

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6. NOTES.

6.1 Ordering data.

- a. Title, number, and date of this CID.
- b. Minimum horsepower rating required (see 2.2).
- c. Packaging requirements (see 5.1).

6.2 Sources of documents.

- a. Copies of Federal Acquisition Regulations (FAR) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

6.3 National Stock Numbers (NSNs). The following is a list of NSNs assigned which corresponds to this CID. The list may not be indicative of all possible NSNs associated with the CID.

NSN 3895-00-917-7416

MILITARY ACTIVITIES:

Custodian
Navy - YD1

CIVIL COORDINATING ACTIVITY

GSA/FSS

Preparing Activity:
Navy - YD1

(Project 3895-0017)

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Project 3895-0017

**SUMMARY OF CHANGES
TO
MIL-F-23019E(YD)**

Due to the extensiveness of changes made, the usual paragraph by paragraph listing of significant changes were not followed. Reviewers of the new document should look at the over-all technical contents of the proposed Commercial Item Description (CID) as it differs from the Military Specification MIL-F-23019E(YD). Please take note that the new CID covers only the gasoline powered unit. The electric powered unit was totally eliminated.