
 * INCH-POUND *

 A-A-50546
 March 18, 1994

 SUPERSEDING
 MIL-P-82008C
 4 December 1987

COMMERCIAL ITEM DESCRIPTION

PAVING BREAKER SETS, PORTABLE

This Commercial Item Description (CID) is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies. This CID is to be used in preference to MIL-P-82008.

Abstract. This CID covers portable pneumatic paving breakers equipped with specific operating tools and contained in a tool chest to form a complete set.

Classification. The paving breaker set shall be one of the following sets as specified.

- Set I - 25-pound (lb) (11.5 kilogram (kg)) pneumatic type paving breaker, equipped with operating tools.
- Set II - 80-lb (36 kg) pneumatic type paving breaker, equipped with operating tools.

Standard commercial product. The paving breaker 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 CID but which are a part of the manufacturer's standard commercial product, shall be included in the paving breaker 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.

Salient characteristics. Each set shall consist of a pneumatic paving breaker, complete with operating tools, and contained in a tool chest. All paving breakers shall be complete and ready for operation when connected to an air supply.

 Beneficial comments (recommendations, additions, deletions) and any pertinent
 *data which may be of use in improving this document should be addressed to: *
 *Commanding Officer (Code 156), Naval Construction Battalion Center, *
 *1000 23rd Avenue, Port Hueneme, CA 93043-4301. *

AMSC N/A

FSC 3820

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

A-A-50546

Tool chest. Tool chest shall be designed to contain the paving breaker, repair parts, tools, accessories, and operating tools.

Set I - Set I shall consist of a 25-lb (11.5 kg) pneumatic type paving breaker and the following items:

Quantity	Item
1	Chest
1	Spade
3	Moil point
4	Ripping tool

Set II - Set II shall consist of an 80-lb (36 kg) pneumatic type paving breaker and the following items:

Quantity	Item
1	Chest
1	Tamping rod
1	Tamping pad
4	Moil point
4	Chisel
1	Sheeting driver
4	Ripping Tool
1	Spade ----- Manufacturer's standard not less than 5-1/2 inches (140 millimeters (mm)) wide.

Examination. Each breaker set shall be examined for compliance with the requirements of this document.

Performance. The 25-lb (11.5 kg) breaker, with air consumption at 105 pound-force per square inch (psi) (724 kPa) and shall have a blow force of not less than 9 foot-pounds (12.20 newton meters) per blow under vertical operating conditions with no extra force applied on top of the breaker. The no load piston speed shall be 1800 blows per minute. The breaker shall break a 2-inch (51 mm) or thicker slab of portland cement concrete.

The 80-lb (36 kg) breaker shall operate at 105 psi (724 kPa) and break a 5-inch (127 mm) thick slab of portland cement concrete, having a compressive strength of not less than 3,200 psi (22 063 kPa). No load piston speed shall be 1200 blows per minute.

The 25-lb (11.5 kg) or 80-lb (36 kg) breaker shall neither malfunction nor show signs of wear or scoring, and shall have an absence of oil vapor in exhaust air when tested.

Consolidation. The tool chest shall be used for the consolidation of all components of the breaker set.

A-A-50546

Intended use. The paving breaker sets are intended for use in breaking consolidated soils or soft rock, cutting and breaking asphalt pavement, breaking portland cement concrete pavement, tamping soil, splitting drums filled with asphalt cement, and performing general demolition work.

Packaging and marking. Preservation, packing, labeling, and marking shall be as specified in the contract or order.

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. 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.

MILITARY INTERESTS:

Custodians:

Army - ME
Navy - YD1
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Navy - YD1

(Project 3820-0205)