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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 15375-2008

Replacing GB/T 15375-1994

Metal-cutting machine tools - Method of type designation

金属切削机床 型号编制方法

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Foreword

This standard replaces GB/T 15375-1994 "metal cutting machine model designation." This standard and GB/T 15375-1994 main differences are as follows:

--- Cancellation of the enterprise code, sample business name, etc. (see the 1994 edition of 2.1,2.11,3.4,4.3).

--- Increased legend with two types of characteristics of the machine (see this edition 2.2).

--- Increasing the number of axes and complex machine instructions and examples (see Excerpts 2.9.2,2.9.3,2.10).

--- Lathe "group code 0 instrument small lathes" added "a small gang tool lathe 2"; "code group 6 and horizontal landing vehicle Bed "to add a" 6 mobile headstock lathe chucks "(see Table 3 edition).

--- Drilling class "group code 3 radial drilling," added "8 gantry drilling"; "Group Code 5 vertical drilling," adds "5 gantry type vertical drilling" and "8 column acting drilling center" (see Table 4 edition).

--- Grinding machines (3M) "Group Code 2 roller bearing ring raceway grinding machine," added "9 grinder roller bearing ring face"; "group Code 3 bearing rings Super Seiki "added" 7 bearing inner wall ultra-precision machine "and" Super 8 bearing outer wall Seiki " (See Table 8 edition).

--- Gear cutting machines category "Group Code 5 slotting machines" canceled "end tooth slotting machine 2", "3 non-cylindrical gear shaper" and "5 herringbone gear slotting machine"; "Group Code 8 other gear cutting machines" increased "3 cylindrical gear milling machine" and "4 involute spline gear rolling machine" (see this edition Table 9).

--- Thread processing machinery category "Group Code

7 Thread Grinder" added "screw grinder 0" and "1 threaded plug grinder" (see this Version Table 10).

--- Milling "Group 2 milling machine, code-named" added "5 high rack beam moving gantry milling machine", "8 landing gantry boring and milling Bed "to" 8 mobile gantry milling and

boring machine ";" Group Code 3 plane milling machine, "added" 7 ram milling plane ";" on behalf of the group

6 Horizontal milling machine "in the abolition of the" universal milling machine with 5 broad "(see Table 11 in this edition).

--- Saw class "Group Code

5 Vertical Band Sawing Machine" in the "vertical tilting with Saw 2" was changed to "2 block I type vertical band sawing" Added "3 block II type vertical band saws," abolition of the "four major deep throat vertical band Saw," "Saw 7 sand line" was revised to "Diamond wire sawing 7", "

1 Scope

GB/T 15375-2008 is the Chinese national standard on metal-cutting machine tools - method of type designation, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 August 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2009. Classification: ICS 25.080.01, CCS J50. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the metal cutting machine tools and automatic production line rotor model representation. This standard applies to all kinds of new designs of general and special metal-cutting machine tools (hereinafter referred to as machine tools), automatic line. This standard does not apply to a combination of machine tools, machine tools.

2 Machine Universal Model

2.1 Model Representation Models from the basic part and the complementary part, separated by "/" separated, read "the." The former need unified management, which is included in the model or not By the enterprise custom. Model configuration is shown below.

Note 1. "()" code name or number, when no content is not expressed. If the content is not in parentheses.

Note 2. "-" symbol phonetic alphabet to uppercase.

Note 3. "" symbol, as Arabic numerals.

Note 4. "" symbol, uppercase phonetic alphabet or Arabic numerals, or both. Figure 1

2.2 Classification and designation of machine tools Machine tools, according to their works classified as lathes, drilling, boring, grinding, gear cutting machines, thread cutting tools, milling, planing slotting, pull Bed, sawing machines and other tools, such as a total of 11 categories. Machine class code, indicated in uppercase phonetic alphabet. If necessary, each class can be divided into several categories. Classification Code of the class code Ago, as the first model, and is represented by Arabic numerals. The first classification code before the "1" is omitted, the first "2", "3" classification code shall be FIG. Classification and designation of the machine are shown in Table 1.

8 Belt Saw" to "8 diamond with Saw"; "Group Code

7 Bow Saw" cancel "2 column horizontal sawing bow" (see Table 14 in this edition).

--- Other types of "group Label 1 tube processing machines" in the "pipe threading machine 3" to "

3 Thread-cutting", "six joints Threading machine "was changed to 6 fitting Thread-cutting" (see Table 15 in this edition).

--- Canceled Appendix A (1994 edition). The standard proposed by China Machinery Industry Federation. The standard metal cutting machine tools by the National Standardization Technical Committee (SAC/TC22) centralized. This standard was drafted. Beijing Machine Tool Research Institute. The main drafters. Zhang Wei, Li Xiangwen. This standard replaces the standards previously issued as follows:

--- GB/T 15375-1994. Metal Cutting Machine Model Methodology