

AGIE

Agiecut wire-cutting EDM systems

Equipment Manual C Part 1

- C1 Safety instructions
- C3 Operation
- C5 Technology (Agiecut without technology tables)
- C6 Applications examples
- C8 Maintenance

The following chapters are to be found in Equipment Manual Part 2:

- C9 Spare and wear parts
- C10 Diagrams

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Introduction

Dear User

We are pleased that you have decided to purchase an Agie EDM system. You are thus acquiring a machine tool embodying more than 50 years of experience in EDM and the knowledge gained from the construction of over 25'000 units. Combined with the most modern hardware and state-of-the-art software in order to enable you to manufacture workpieces which you will be proud of and which will make you **the** partner for your customers. So that our motto "Partner to the Best" will also apply to you.

Summary

Here below you will find a summary of all chapters of the equipment manual. The corresponding CD-ROM contains chapters C1 to 8 as well as 11 and 12 and offers a much faster and more convenient search for keywords and topics than on paper. Nevertheless you are receiving chapters C1, 3, 5 (Agiecut without technology tables), 6, 8, 9 and 10 on paper too.

First of all you should read chapter C1 in order to acquaint yourself with all the safety aspects. Only switch the equipment on after you have read chapter C1!

C1	Safety instructions	Informs you about everything of relevance for your safety and the safety of other persons who have to do with the equipment.
C2	Installation	Contains all information in connection with the requirements for the place of installation, the transport and putting the equipment into operation and its interfaces.
C3	Operation	Subdivided into seven subchapters: C3.1 explains the Agie, 3.2 the preparation of the equipment, 3.3 Erosion, 3.4 the reference chain, 3.5 the Agievision symbol list, 3.6 the print functions and data transfer, 3.7 the Contact module.
C4	User interface	Explains the whole user interface in detail, i.e. the meaning of each individual function on the screen and what you can do with it.
C5	Technology	Explains the erosion parameters specific to all Agie EDM systems and how to adapt them to the working conditions. Contains the planning tables that allow to determine the optimum EDM parameters with respect to various search criteria and all EDM parameters of the Agie data banks.

C6	Practical applications	Contains complete examples, examples of description and examples of execution
C7	Process technology	Contains general information on ED erosion, such as fields of application and working conditions.
C8	Maintenance	Informs you about all the checks, settings and the general maintenance of the equipment.
C9	Spare parts	The equipment's wear parts and spares, divided up into machine tool, dielectric unit, generator and machine control unit. Orders for these parts should be addressed to our agencies or branches.
C10	Diagrams	Contains the block diagrams and circuit diagrams, as well as the hydraulic and pneumatic diagrams of the machine tool, dielectric unit, generator and control system.
C11	Variants	Equipment with a different configuration from the standard equipment. Variants must be configured accordingly right from the order on and cannot be retrofitted. There is a chapter for each variant describing the differences compared with the standard equipment.
C12	Options	Devices or software for expanding the equipment's field of application. Options can be retrofitted to equipment which has already been installed. There is a chapter for each option describing its special features and uses.

You will quite certainly not find an answer to all your questions in this manual. Take advantage of the courses given at our Training Centre and the support of our Technical Advisers for the solution of special problems. Do not hesitate to make use of these services in order to make optimum use of the possibilities of your AGIE EDM system.

Your Partner
Agie SA