
**Agricultural and forestry tractors and
implements — Hydraulic power beyond**

*Tracteurs agricoles et forestiers et instruments — Puissance
hydraulique externe disponible*



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Published in Switzerland

Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 17567 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 4, *Tractors*.

Introduction

The implements and mounted equipment attached to agricultural and forestry tractors requiring the hydraulic power and control offered by the tractor's hydraulic system have greatly increased in number, complexity and need for efficient operation in recent years. As a result, many such implements include specialized valves and require the capability to easily connect, interface and control the tractor's implement hydraulic system.

ISO 17567 sets forth the interfaces necessary to effectively and properly accomplish the connection of the various tractor and implement combinations.

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Agricultural and forestry tractors and implements — Hydraulic power beyond

1 Scope

This International Standard specifies the hydraulic power beyond of tractors used in agriculture and forestry, and the number, type, capacity and identification of the associated connections between these tractors and their implements.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 789-10, *Agricultural tractors — Test procedures — Part 10: Hydraulic power at tractor/implement interface*

ISO 5675:1992, *Agricultural tractors and machinery — General purpose quick-action hydraulic couplers*

ISO 5598, *Fluid power systems and components — Vocabulary*

ISO 10448:1994, *Agricultural tractors — Hydraulic pressure for implements*

ISO 16028:1999, *Hydraulic fluid power — Flush-face type quick-action couplings for use at pressures of 20 MPa (200 bar) to 31,5 MPa (315 bar) — Specifications*

3 Terms and definitions

For the purposes of this document the following definitions apply.

3.1

hydraulic power beyond

agricultural or forestry tractor's hydraulic power and/or control features, available to implements independent of the tractor's remote valves

3.2

pressure port

connection used to provide access to a tractor's main source of hydraulic power

3.3

return port

connection for the return flow from an implement or attached equipment

3.4

load signal (pressure) port

connection used to provide access to a tractor's control signal network