



Installation and Assembly Conditions of KASTO Machinery & Systems (Taicang) Co., Ltd. (for sawing machines, dated 06/2018)

Assembly requirements:

A clean swept floor plate or foundation with sufficient carrying capacity designed in accordance with our weight specifications, concrete quality min. C 20/25, with a max. height tolerance of ± 1.5 cm, referred to the overall length of the system, is required. All concrete works as well as the electrical mains connection of the machine are to be provided by the customer.

It must be possible for the system to be assembled by our specialists without any obstruction and interruption according to our schedule.

If delays in assembly occur, which are not caused by KASTO, the customer shall bear the extra costs incurred as a result. The basis for this are the KASTO assembly conditions valid at the time of assembly.

The power required for the assembly is supplied by the customer free of charge.

Unless marked as a special position in our quotation, we shall be provided with lifting equipment and a mobile crane with the necessary lifting capacity and lifting height as well as fork lift truck with driver for unloading, transport to the installation site and safe assembly or this will be rented at the cost of the customer.

The name of a competent contact is to be passed on to our commissioning technician.

In the event that parts of our systems are damaged or soiled, the costs for the restoration to the original state are to be borne by the party which caused the damage or soiling.

Upon start of commissioning for purpose of remote diagnosis and support, an internet access has to be made available for our installation personnel free of charge.

Additional, unplanned expenses due to special company regulations are charged as incurred (e.g. assembly regulations, special fire protection regulations etc.).

The customer guarantees that our assembly personnel have free access to the installation place up to 12 hours daily on workdays.

Labour protection regulations:

The design of the machine corresponds to the German and European safety-related and other regulations concerning the standard of technology in machine building, valid at the point of time of delivery.

The machine is equipped with the CE mark according to machine directive 2006/42/CE and matches the safety regulation for sawing machines.

If the machine is part of a complete system, the whole system will get a CE mark, if the system is delivered by KASTO. If the machine is part of a complete system which will be completed by a third party, the machine of KASTO will get a Declaration of Incorporation of Partly Completed Machinery. Then, the whole system will get the CE conformity mark by the third party or another authorized person.

Information relating to the water resources regulations:

If saws are integrated in the system, we would like to draw your attention to the fact that when using the machine, standard agents which are a hazard to water (coolants, oils, greases) are used, which are to be allocated to the water hazard class 2 (WKG 2).

KASTO Machinery & Systems (Taicang) Co. Ltd.
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Reg. No. / 纳税识别号 91320585MA1PY40N61

Unless agreed otherwise, the General Terms and Conditions, the Terms of Delivery and the Terms of Installation of KASTO Machinery & Systems (Taicang) Co., Ltd. apply to any sales and services, including those addressing KASTO's limited warranty and buyer's exclusive remedies. They can be downloaded from www.kasto.cn/gtc.

除非另有约定，卡斯托机械设备系统(太仓)有限公司的《通用条款和条件》、《交货条款》、《安装条款》适用于任何销售业务和服务业务，包括声明卡斯托有限维保和买方排他补救的业务。以上条款下载地址 www.kasto.cn/gtc。

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Due to the quantity involved in the system, according to the profile of requirements of the VAWS ("Directive for systems on handling agents which are a water hazard"), it is necessary that in the event of technically caused disturbances (e.g. leaking containers, valves and lines) the entire quantity has to be retained. If the retention equipment required is not available at the planned installation site, on request we can offer corresponding drip containers.

Energy supply:

Mains voltage

according to EN 60204

400 V three-phase current (- 10%, + 6%).

The customer will be notified of the connection value in kVA after the layout has been finalised.

Mains frequency

50 Hz (- 1%, + 1%; transient - 2%, + 2%)

Type of mains

TN mains according to IEC 364 / VDE 0100

The power is supplied from the mains to the switching cabinets including advance fusing by the customer. The position of the switching cabinets is to be taken from the layout.

Protective measures

against indirect contact

Over-current protector (zero balancing).

The mains supply of the operator (size and characteristic of the main fuse selected as well as the total impedance of PE and outer conductor in the supply line to the machine) has to be designed in such a way that the permissible shut-down time in the event of an error is not exceeded.

The use of a differential current switch in the mains incoming supply is not permitted.

Compressed air requirement:

The overall compressed-air consumption is indicated in the technical data sheet of the related machine or in the related offer items (as necessary). The laying and installation of the pneumatic lines including service unit up to the usage site is to be executed by the customer.

Climate:

Ambient temperature 0° C to + 40° C, for server and clients + 10° C to + 32° C.

Special measures have to be taken for temperatures above 40° C or below 0° (not included in the price). A draft caused by any incomplete construction work is to be avoided.

The assembly sites have to be sufficiently lit and construction site connections for all aids have to be available in a sufficient quantity when assembly begins.

Humidity:

Class 3K3 according to DIN/EN 60721-3-3, table 1, point m, non condensing.

Installation and commissioning of series machines (unless shown in the offer as special item):

If the installation of the machine / system is to be executed by a KASTO customer service technician this will be charged in accordance with the valid service price lists enclosed based on a time sheet. Usually, commissioning is made by the purchaser himself. Upon request, however, commissioning and training of your operating and maintenance staff may be executed at your place by a KASTO customer service technician at extra cost. The rates specified are net prices.

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Installation and commissioning of large band saws and special machines (unless shown in our offer as special item):

Installation, assembly, commissioning, as well as one (1) day of instruction (single-shift) of the operating staff including delivery of the fastening material. The calculation of our commissioning prices was based on the assumption that an overhead crane with sufficient lifting capacity is available at the site. The specified rates are net prices.

Liability limitation:

For damages to items and injury to persons arising during assembly, we are only liable to the degree of the liability insurance concluded to the maximum amount of EUR 20,000,000.00. Any claims in excess of this as well as financial loss or consequential damages can only be lodged against KASTO in accordance with the known general terms and conditions for the delivery of machines and spare parts of KASTO Machinery & Systems (Taicang) Co., Ltd.

Performances provided by customer (unless shown in our offer as special item):

- Unloading of trucks and transport up to the usage site.
- Provision of hoisting gear offering the appropriate lifting capacity and lifting height in accordance with our specifications.
- Underpouring of machine feet or shelf racks or travelling rails with warp-free casting material in accordance with our specifications.
- Execution of foundation, brick-laying, picking, and stemming works.
- Wiring of the power supply from the mains socket up to the main control cabinets, wiring of the data line outside the system or the saw, fuse protection and cable duct along the system.
- Installation of the compressed-air supply including service unit up to the usage site.
- Costs for the acceptance of the system through authorities and institutions.

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