

MACHINE DATASHEET

LIDKÖPING 2C — Centreless Grinding Machine (1975)

Centreless grinding machine

SEND ENQUIRY

● ARRIVING SOON



YEAR	CONDITION	AVAILABILITY	DELIVERY
1975	Used	From the first week of September 2026 ex works Velten	FCA Velten

SHORT DESCRIPTION

Centreless grinding machine by Lidköpings Mekaniska Verkstads AB (Sweden) for through-feed and in-feed (plunge) grinding. Classic mechanical-hydraulic design without CNC: grey cast iron base, grinding wheel and regulating wheel with the workrest blade between them, belt drive with two speed steps selected by change pulleys. Until recently the machine was connected and in use at a precision shop in Swabia roughly once a month; it was released purely for space reasons. It comes with an unusually complete set of accessories: 14 grinding wheels and 4 regulating wheels, 4 mounting flanges and 28 workrest blades — so the machine is ready to work without further purchasing. For the 2C series, service, spare parts and overhaul are still available in Germany and from the brand owner in Sweden.

Our Terms and Conditions apply · Technical data per the machine's name plate and drive table, per the previous owner's figures for weight, dimensions and accessories, and per manufacturer data for the 2C series — an original operating manual is currently not available to us — individual values are confirmed bindingly upon inspection or on specific request · Offer non-binding, errors and prior sale reserved.



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TECHNICAL DATA

Type	Centreless grinding machine, through-feed and in-feed grinding	Manufacturer / series	Lidköpings Mekaniska Verkstads AB, Sweden – type 2C (per name plate)
Year of manufacture	1975 (per previous owner)	Grinding diameter	0.1 – 60 mm (per manufacturer data for the series)
Recommended working range, through-feed	approx. Ø 1 – 25 mm (per manufacturer data for the series)	Max. length, in-feed grinding	100 mm (per manufacturer data for the series)
Grinding wheel	Ø 305 × max. 102 × Ø 127 mm (per manufacturer data for the series)	Regulating wheel	Ø 254 × max. 102 × Ø 127 mm (per manufacturer data for the series)
Grinding spindle speeds	2 steps via change pulleys; upper step approx. 2,850 rpm per the machine's drive table (series data: 2,220 / 2,840 rpm)	Drive motor	1,500 rpm (per the machine's drive table)
Pulley/wheel assignment per drive table	pulley 3-103812 → wheel Ø 305 – 230 mm · pulley 3-103813 → wheel Ø 230 – 176 mm	Total connected load	approx. 6 – 6.6 kW (8 – 9 HP, per manufacturer data for the series) – to be checked against the rating plate on arrival
Control	Conventional, relay control in a separate cabinet – no CNC	Hydraulics	Separate hydraulic power unit with tank, pump, filter, pressure gauge and ASEA three-phase motor, 3~, 50 Hz (per motor rating plate)
Workpiece feed	Feed chute for through-feed operation, mounted on the machine	Accessories included	14 grinding wheels · 4 mounting flanges · 4 regulating wheels · 28 workrest blades (per the previous owner's list, photos available) – we check the dimensions and condition of the wheels on arrival
Packages for transport	machine + 3 pallets: accessories 1,200 × 1,000 × 800 mm / 330 kg · control cabinet 800 × 600 × 2,200 mm / 280 kg · hydraulic unit 800 × 600 × 1,000 mm / 120 kg – total	Loading	At our premises the machine stands on a wooden base and is loaded onto your vehicle by forklift – included in the price. For crane lifting, the sling diagram from the LMV factory manual for

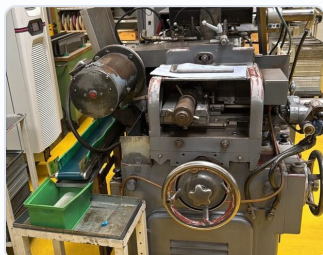
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	shipment weight approx. 4,530 kg		the 2C series is available to us
Machine dimensions L × W × H	2,000 × 1,200 × 2,000 mm (per previous owner's loading data) – footprint of the basic machine per manufacturer approx. 1,950 × 1,100 mm	Weight	approx. 3,800 kg (machine alone, per previous owner's loading data 08/2026) – the series figure of approx. 2,300 kg refers to the basic machine without attachments
Condition	Used, in operation at the previous owner until recently (approx. once a month) and connected to power; released for space reasons. Control cabinet, hydraulic unit and accessories are already strapped and ready for shipment	Geometry / grinding accuracy	open – no acceptance protocol available; test grinding possible by prior arrangement

GALLERY



Included in delivery

- ✓ Machine complete: grinding wheel head, regulating wheel head with workrest blade, grey cast iron base, change-pulley drive with speed table
- ✓ Separate control cabinet with relay control and compressed-air service unit — fully equipped as shown in the photos
- ✓ Separate hydraulic power unit with ASEA motor, pump, filter and tank
- ✓ Feed chute for through-feed operation — mounted on the machine
- ✓ 14 grinding wheels and 4 mounting flanges
- ✓ 4 regulating wheels
- ✓ 28 workrest blades in a wooden case, plus one blade holder
- ✓ Complete machine documentation of the previous owner — already packed and supplied with the machine

Optional on request

- + Demonstration, test grinding and measurement — by arrangement: the machine arrives in Velten in the first week of September 2026; setting it up and commissioning it for a demonstration is carried out by an external service partner. We agree the effort and cost with you in advance.
- + Commissioning and instruction at your site — via an external service partner, cost on request
- + Detailed technical inspection report
- + Transport to your facility (Incoterms 2020)

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- ✓ Transport-safe packing on 3 pallets, loading onto your truck included
- ✓ Not included: extraction unit — at the previous owner the machine was connected to a central shop extraction system

NOTE ON THE TECHNICAL DATA

The technical data above is taken from the machine's name plate and drive table, from the previous owner's figures for weight, dimensions and accessories, and from the manufacturer's data for the 2C series (series brochure/catalogue) — an original operating manual supplied with this machine is not available to us — and reproduces its content as information received (Wissensmitteilung); we have not carried out our own metrological verification of every individual value. Unless expressly agreed otherwise in the purchase contract or in our order confirmation, it therefore does not constitute an agreement on quality (Beschaffenheitsvereinbarung) or a guarantee within the meaning of Sections 434, 443 of the German Civil Code (BGB). Individual values that matter to you will be checked and confirmed on specific request or together during the inspection appointment; we expressly recommend inspecting and testing the machine before concluding the contract. The offer is without engagement; errors, technical changes and prior sale are reserved. Our statutory liability for intent and gross negligence, for injury to life, body or health, for fraudulently concealed defects and under an expressly assumed guarantee remains unaffected. In case of discrepancies, the German version of this notice prevails.

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