

UNIVERSAL LATHE LZ-400S

on GDW licence



- Universal lathe **LZ-400S** is appropriate for precise manufacturing of medium-size parts according to DIN8605 tool accuracy. All types of below-mentioned operations can be done on this machine:
 - turning, facing, boring, tapering, holes drilling,
 - threading: : metric, screw, modular, diametral pitch.
- As the two kinds of stepless spindle rotation regulation is included a wide range of spindle turning speed is possible which allows to machine the part in optimal machining parameters and what is more the engine's power is economically consumed.
- Universal lathe has a wide range of travels and threads pitch.
- The machine is equipped with a special roller and lead-screw cover as well as travelling covers: for lathe chuck and anti-chip for full length.
- It is adjusted for details mounted in clamps or centers.
- The Lathe with hardened cast iron bed is mounted on metal bases made of welding plates, inside of which there are placed a removable chips tank as well as the cooling system. There is a power-controlling system in electric cubicle. Inside the base there is also a place for some tools or instrumentation.

TECHNICAL DATA

LZ-400S

WORKING AREA

Distance between centres	mm	1000
Swing over bed	mm	390
Passage over cross slide	mm	225
Bed width	mm	260
Max. workpiece in centres dimension	kg	200
Cool tank capacity	L	20

HEADSTOCK

Spindle nose acc. to DIN 55027		6(wg.PN-C5)
Inside spindle diameter	mm	62
Spindle inner taper acc. to DIN 228		ME70
Spindle speed range	rot./min	30 - 3000
Main drive motor 50/87Hz	kW	7,5

TAILSTOCK

Quill travel	mm	110
Diameter travel	mm	60
Quill taper	Morse'a	4

FEEDS

Feed of longitudinal slide	mm/rot.	0,025 - 2,0
Feed of cross slide	mm/rot.	0,012-1,0

THREADS

Range of metric threads	mm	0,2 -14,0
Range of inch threads Withwortha	tpi	80 -1,5
Range of module threads	π x mm	0,1 - 7,0
Range of Diametric Pitch threads	$t\pi$	200 - 3,5

OVERALL DIMENTION

Length	mm	2100
Width	mm	1080
Height	mm	1520
TOTAL WEIGHT	kg	1800

STANDARD EQUIPMENT

(included in price)

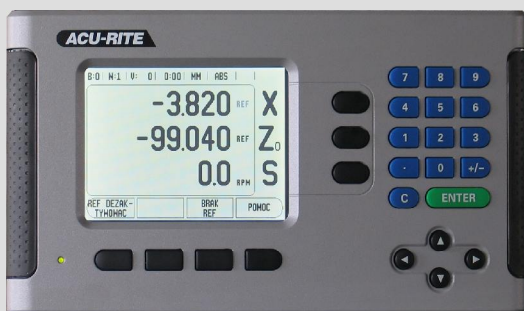
1. Self-centering 3-jaw chuck \varnothing 200 mm with spanner
2. Quick-change toolpost or 4-way toolpost
3. Complete coolant system with electric pump
4. Revolving centre MT 4
5. Longitudinal feed stop
6. Wheels for gear change (standard threads)
7. Work lamp
8. Power supply 3 x 400V, 50Hz
9. Set of standard service tools
10. User operation manual and spare parts catalogue
11. CE declaration
12. Transportation skids and foil cover

OPTIONAL EQUIPMENT

(extra charged)

1. Steady slide rest
2. Roller jaw steady rest
3. Movable slide rest
4. Roller jaw moveable rest
5. Quadrant change gears for cutting threads
6. Set of linear scales for 2 axes
7. Set of linear scales for 3 axes
8. Constant cutting speed with linear scales
9. Start-up and training within machine operation at customer site (one day + traveling costs)
10. Machine transportation to the customer (counted both ways)

We reserve all rights to bring changes without notifying.



FMT
TARNÓW

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