



# LEV300

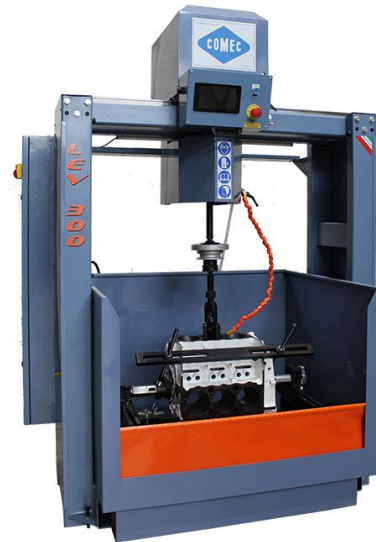
## Cylinder honing machine

The LEV300 is a machine specifically engineered for cylinder honing of cylinder blocks, as well as for all other kind of precise industrial applications where such operation is requested.

The sturdy construction of the machine offers a high structural rigidity, thereby assuring an extremely accurate finishing.

The honing head feed system is carried out through a recirculating ball screw, and the rotation is activated by a powerful electrical motor.

Thanks to the touch screen control system, which is located in front of the operator, it is possible to enter the work parameters to be calculated by the integrated software, thus speeding up the operation and increasing the honing head's rotation speed.



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Images may show the product equipped with optional accessories



Honing operation			
Operation parameters		Flow, % of max 50.0	
Angle	45	<div>Hone</div> <div>37.26 mm</div>	
Spacing			
Upper protr, mm	20.00		
Lower protr, mm	20.00		
Stone height, mm	80.00	Cylinder height, mm	150
		Diameter, mm	72
		Current protr, mm	10.00
Manual control		Move to start position	

## Standard equipment

Head movement on linear guides  
Vertical honing head travel by recirculating ball screw  
Touch screen control panel  
Electronic handwheel for honing head movement  
Operating software for manual and automatic working process  
Double effect hand-wheel for expanding/retracting the honing head  
Cooling system with magnetic filtering system  
Universal cylinder blocks fixture  
Splash and safety guards  
Wrench set  
Instruction manual

## Specifications

Min-Max honing diameter: 25÷500 mm  
Max spindle travel: 300 mm  
Spindle rotation speed: 0÷150 rpm  
Max distance table-honing head: 600 mm  
Max longitudinal head travel: 780 mm  
Max workpiece dimensions: 900x800x550 mm  
Spindle motor: 0,75kW  
Honer Feed motor: 1,5 kW (7Nm)  
Cooling pump motor: 0,15kW  
Dimensions (LxWxH): 1560x1020x2160 mm  
Net weight: 600 Kg