Lapping and Polishing Machine
with horizontal overarm

STOCK KONSTRUKTION GMBH

NLP 220 HS – with sliding weight
NLP 220 HP – with pneumatic arm

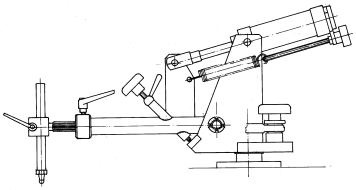
fig. NLP 220 HS-2

Machine characteristics

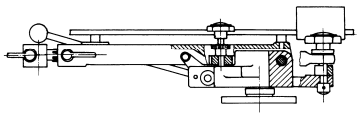
- One or more spindle lapping and polishing processing machine
- One eccentric with adjustable stroke
- Each eccentric and spindle is individually adjustable
- Speed indicators for each main spindle and eccentric
- Timer for each work spindle
- Working pressure setting via sliding weight (HS) or alternative via pneumatic arm (HP)
- Stroke lengths and positions of the eccentric movements are easily adjustable by following the scales
- One-hand lifting devices for overarm
- Multiplex table top
- Spindle lock
- Plastic basin
- Slurry distributor

Option:

- Splash guard
- Pneumatic arm (model HP)



Overarm: Working pressure via pneumatic arm



Overarm: Working pressure via sliding weight

Technical details

	NLP 220 HS-1 / HP-1	NLP 220 HS-2 / HP-2	NLP 220 HS-3 / HP-3	NLP 220 HS-4 / HP-4
Number of spindles:	1	2	3	4
Basin size in mm (inch) ø:	400 (15.75”)	400 (15.75”)	400 (15.75”)	400 (15.75”)
Spindle speed in min^{-1}:	10 - 150*	10 - 150*	10 -150*	10 -150*
Eccentric speed in min^{-1}:	5 - 75*	5 - 75*	5- 75*	5- 75*
	((Speed adjustments in the control range 1:15 possible))			
Distance: Spindle - centre of arm in mm (inch):				
- Higher model (standard)	249 (9.80”)	249 (9.80”)	249 (9.80”)	249 (9.80”)
- Low model	195 (7.68”)	195 (7.68”)	195 (7.68”)	195 (7.68”)
Stroke of ball pin in mm (inch):	0 – 180 (7.087”)	0 – 180 (7.087”)	0 – 180 (7.087”)	0 – 180 (7.087”)
Working pressure in N: Overarm(unload):	0	0	0	0
Sliding weight:	10 - 50	10 - 50	10 - 50	10 - 50
Pneumatic arm:	100 - 300	100 - 300	100 - 300	100 - 300
Main spindle connection thread DIN 58725 in M:	M27 DIN 58725	M27 DIN 58725	M27 DIN 58725	M27 DIN 58725
Power requirement in kW:	1,5	3,0	4,5	9,0
Ball pin in mm (inch):	8 (0.32”) Ø / M8	8(0.32”) Ø / M8	8(0.32”) Ø / M8	8 (0.32”) Ø / M8
Weight in kg (lbs):	200 (441)	520 (1146)	650 (1433)	960 (2116)
Dimension (w x l x h) in mm (inch):	950x1050x1750 (37.40”x41.50x68,90”)	1260x1050x1750 (49.61”x41.50”x68.90”)	1620x1050x1750 (63.78”x41.50”x68.90”)	2050x1050x1750 (80.71”x41.50”x68.90”)
Paint finish:	Standard light grey RAL 7035			

Tools and accessories can be found in our current catalogue or on request.

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