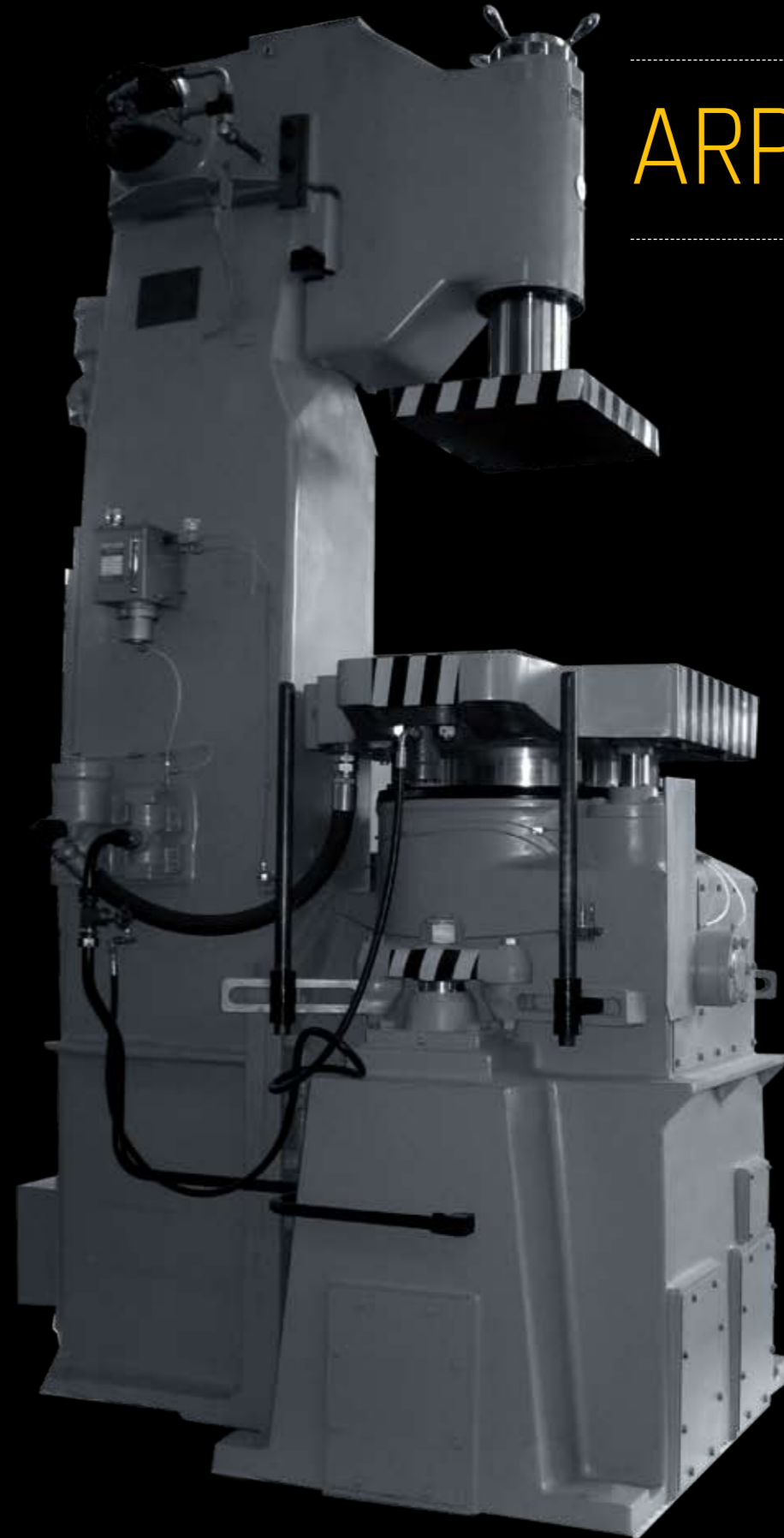




Subject to technical alterations • 07/10 • © DISA Group

ARPA



Regd. & Corp. Office:

DISA India Limited
Kushal Garden Arcade
5th floor
1A Peenya Industrial Area
Peenya 2nd Phase
Bangalore 560 058
INDIA
Tel +91 80 4020 1400 to 1404
Fax +91 80 2839 1661
bangalore@noricangroup.com

Branch offices in India:

DISA India Limited
803 International Trade Tower
Nehru Place
New Delhi 110 019
INDIA
Tel +91 11 2641 1123
Fax +91 11 2641 1920
delhi@noricangoup.com

DISA India Limited
Ganga Commerce, 2nd Floor
Lane No. 5, Plot No. 4
North Main Road
Koregaon Park
Pune 411 001
INDIA
Tel +91 20 2615 2503 / 2506
Fax +91 20 2615 4275
pune@noricangroup.com

DISA India Limited
Crescent Towers, unit 4H
229, AJC Bose Road
Kolkata 700 020
INDIA
Tel +91 33 2280 5570 / 71
Fax +91 33 2280 5572
kolkata@noricangroup.com

DISA representative:

F Care
702, Avinashi Road
Esteem Complex, 1st Floor
Coimbatore 641 018
INDIA
Tel +91 422 4251 740
Fax +91 422 2218 298
fcare@airtelbroadband.in



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shaping industry

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Noricangroup is the parent company of DISA and Wheelabrator.

ARPA - simultaneous jolt squeeze moulding machine



Valve and lifting assemblies



Machine internal construction



Squeeze head assembly

Moulding technology

The key features of ARPA are

- High frequency, low amplitude jolting with high dynamic squeeze force for uniform and rigid moulds
- Hydro-pneumatic swing in and out and precisely guided pattern draw for damage free stripping
- All parts accessible above floor level for easy maintenance

NEW ARPA – innovation is the way of life at DISA

With more than four decades of experience and over 1000 ARPA machines running across the globe, DISA has further upgraded its moulding machine. NEW ARPA, a name

which resembles the market benchmark in simultaneous jolt squeeze moulding machines.

Maintenance and operator friendly features

- Engineered for easy maintenance
- Pneumatic timer for jolt and squeeze
- Heavy duty lifting cylinder
- Pattern blow-off (optinal)
- Pneumatic junction box with powder coating surface
- Reliable controls for squeeze head movement
- Low friction guide system for jerk free mould stripping

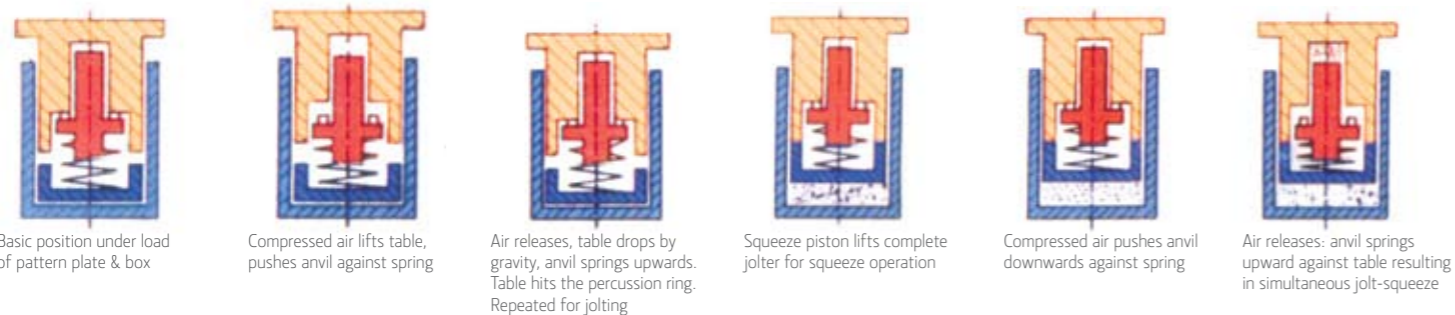
New features – of ARPA

- Panel mounted push button valves
- Guide seals on guide bushes
- Improved lub system
- Better safety features

Options

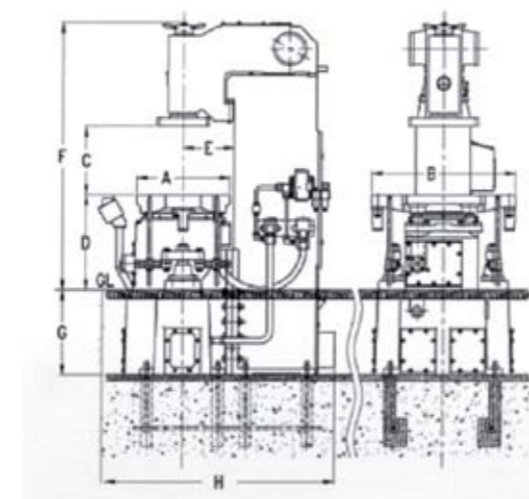
- Pneumatic or electro pneumatic controls
- Pin lift or roller lift mechanism
- Pattern Shuttle for ARPA 1300 machine only, to produce, cope and drag moulds with one machine
- Squeeze head swing – left or right

Shockless jolting – free floating anvil



ARPA - undoubtedly the best

Model		ARPA 300	ARPA 450	ARPA 900	ARPA 1300
Jolt capacity	kg	300	450	900	1300
Squeeze force					
Static	Kgf	5000	8000	16000	20000
Dynamic	Kgf	15000	24000	40000	50000
Pattern draw	mm	220	320	340	360
Approx. weight	kg	2600	3900	8400	11000
Dimensions					
Table length A	mm	580	680	980	1050
Table width B	mm	960	1050	1280	1400
C (max.)	mm	450	500	870	730
D	mm	670	700	780	820
E	mm	320	370	520	585
F	mm	1840	2130	2620	2760
G	mm	510	620	940	1090
H	mm	1500	1780	2000	2100
Air consumption per half mould	Ctf	14	18	35	50
Free air consumption per cycle	L	380	500	1000	1400
Air pressure	bar	6-7	6-7	6-7	7
Air connection to machine	BSP	G1 1/4	G1 1/4	G1 1/2	G2
Air receiver capacity	L	750	1000	2000	3000



Pin lifting position

