



The wide reputation ALPA has gained all world as manufacturer of surface grinders, is mainly due to the popularity of its two models, which enjoy a success earned over years of experience, research and development. Design structure includes such exclusive features as the hydrolift to cross slideways and the external location of the hydraulic and electrical systems. The wheelhead traversing system is arranged to ensure the necessary rigidity in all positions and the absolute sensitivity. The longitudinal traverse of table, the cross slide traverse and the wheelhead downfeed are completely automatic. A wide range of ancillary equipment is available on request: wheel turning and forming devices, vertical grinding attachments (see specific catalogue), swarf separators, magnetic chucks, automatic cycle attachments. Model RTL 700 has exactly the same features as model RT 700, except for the greater grinding width. Models RT 1000 and RTL 1000 differ from models RT 700 and RTL 700 for table length. Furthermore, in order to guarantee a better stability, the cross slide has been equipped with flat slideways with hydrolift. The surface grinding machines model ALPA RT 700 - RTL 700/RT 1000 - RTL 1000 are the ideal solution both for production grinding of small pieces and for the toolroom, where a medium size high precision machine is requested. Models RT 700 - RT 1000 are especially suitable for the following categories of endusers:

- machine tools manufacturers
- profile grinding
- precision mechanics
- production of medium size parts

## RT700 RT1000

### caratteristiche tecniche main technical data

		rt 700	rt 1000	rtl 700	rtl 1000
Dimensioni utili della tavola Working surface table	mm	700x300	1000x300	700x500	1000x500
Max. corsa longitudinale Max. longitudinal traverse	mm	850	1150	850	1150
Max. lunghezza rettificabile Max. grinding length	mm	700	1000	700	1000
Max. corsa trasversale Max. cross traverse	mm	350	350	560	560
Max. larghezza rettificabile/max. grind. width:					
- a mola disimpegnata - with wheel not engaged	mm	275	275	485	485
- a mola impegnata - with wheel engaged	mm	425	425	635	635
Distanza a tavola-asse mandrino Distance table/spindle axis	mm	620	620	620	620
Velocità traslazione tavola Max. grinding height	m/1'	1 - 35	1 - 35	1 - 35	1 - 35
Velocità traslazione traversa/cross-slide speed:					
- in continuo - stepless	m/min	0,1 - 2	0,1 - 2	0,1 - 2	0,1 - 2
- intermittente - intermittent	mm	0,2 - 10	0,2 - 10	0,2 - 10	0,2 - 10
Dimensioni della mola Grinding wheel dimension	mm	400x127x75	400x127x75	400x127x75	400x127x75
Velocità periferica mola Grinding wheel tip speed	m/sec.	30	30	30	30
Velocità rotazione mandrino Wheelspindle speed	giri/min	1450 a 50 Hz			
POTENZE VARIE/MOTOR POWERS Motore mandrino mola Spindle motor	Kw	8,952	8,952	8,952	8,952