



## GRINDING MACHINES bench and column type

Power ratings from Hp 0.5 to Hp 5  
for grinding wheel diameters  
from 150 mm to 400 mm

DESIGNED FOR INDUSTRIAL USE, THEY ARE USED FOR  
GRINDING AND MATERIAL REMOVAL OPERATIONS.

### Technical features:

- Cast iron body, to ensure maximum stability and the absence of vibrations
- Mechanical components manufactured and machined in-house to guarantee Stefani's Made in Italy quality
- Fully rectified and dynamically balanced grinding wheel shaft
- Clamping flanges turned from billet to totally eliminate the risk of vibration and with a diameter larger than required by the reference standard
- Safety guards made of high-strength sheet steel, equipped with suction connections
- Equipped with start/stop/emergency buttons and anti-reset function
- Compliant with EC standards

### Optional:

- Cast-iron column
- 24-Volt electrical equipment  
(in cases not provided for by regulations)
- Exhauster

### Special version on request:

- Speed 1400/2800 rpm
- Electronic speed variator
- Motor brake
- Increased shaft length



CE

 **STEFANI** s.r.l.

Via Villorosi 71 - 20029 Turbigo MI

P.IVA e C.F. 11336420150

Tel. +39.0331.899144

Fax +39.0331.890178




[info@stefanisrl.it](mailto:info@stefanisrl.it) - [www.stefanisrl.it](http://www.stefanisrl.it)

# GRINDING MACHINES

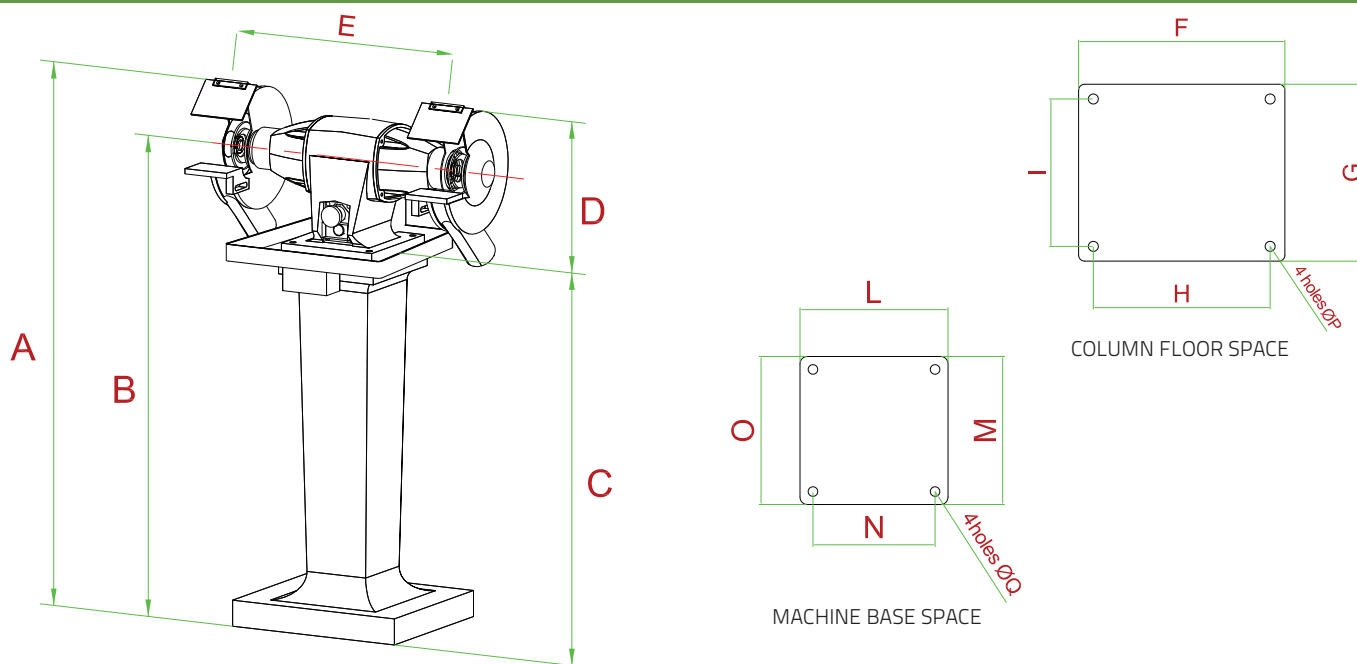
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### SM GRINDING MACHINES TECHNICAL DATA

MODEL	Hp	Kw				Kg	
						bench type	column type
SM/1T	0,5	0,37	3-phase – 50 Hz	2800	150x20 f.16	15	35
SM/2T	0,75	0,56	3-phase – 50 Hz	2800	150x25 f.16	22	46
SM/3T	1	0,75	3-phase – 50 Hz	2800	200x25 f.20	28	52
SM/4T	1	0,75	3-phase – 50 Hz	2800	200x25 f.20	33	64
SM/5T	1,5	1,12	3-phase – 50 Hz	2800	200x30 f.20	38	69
SM/6T	1,5	1,12	3-phase – 50 Hz	2800	250x30 f.25	56	102
SM/7T	2	1,49	3-phase – 50 Hz	2800	250x35 f.25	60	106
SM/8T	3	2,24	3-phase – 50 Hz	1400	300x35 f.30	75	121
SM/9T	3	2,24	3-phase – 50 Hz	1400	350x40 f.35	90	145
SM/10T	4	2,98	3-phase – 50 Hz	1400	400x40 f.40	105	160
SM/11T	5	3,73	3-phase – 50 Hz	1400	400x50 f.40	125	180
SM/1M	0,5	0,37	1-phase - 50 Hz	2800	150x20 f.16	15	35
SM/2M	0,75	0,56	1-phase - 50 Hz	2800	150x25 f.16	22	46
SM/3M	1	0,75	1-phase – 50 Hz	2800	200x25 f.20	28	52
SM/4M	1	0,75	1-phase – 50 Hz	2800	200x25 f.20	33	64
SM/5M	1,5	1,12	1-phase – 50 Hz	2800	200x30 f.20	38	69

### OVERALL DIMENSIONS - GRINDING MACHINE , BENCH AND COLUMN TYPE



TYPE	POWER		A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	N mm	O mm	ØP mm	ØQ mm
	KW	HP															
SM/1	0,37	0,5	990	885	750	240	330	230	230	190	190	130	130	108	108	14	10
SM/2	0,56	0,75	970	880	715	255	390	300	250	265	205	180	180	155	155	14	10
SM/3	0,75	1	1000	880	715	285	400	300	250	265	205	180	180	155	155	14	10
SM/4	0,75	1	1010	895	710	300	470	350	300	300	250	200	200	165	165	17	12
SM/5	1,12	1,5	1010	895	710	300	480	350	300	300	250	200	200	165	165	17	12
SM/6	1,12	1,5	1050	900	710	340	590	350	350	285	295	210	210	170	170	17	12
SM/7	1,49	2	1050	900	710	340	595	350	350	285	295	210	210	170	170	17	12
SM/8	2,24	3	1105	900	710	395	600	350	350	285	295	210	210	170	170	17	12
SM/9	2,24	3	1110	885	650	460	700	400	390	350	350	260	260	210	210	17	12
SM/10	2,98	4	1110	885	650	460	730	400	390	350	350	260	260	210	210	17	12
SM/11	3,73	5	1110	885	650	460	735	400	390	350	350	260	260	210	210	17	12

Grinding wheels excluded. Illustrations may include optional accessories. Stefani S.r.l. reserves the right to make changes or improvements without notice.

