

NEW CONE MILL MODEL 197



DESCRIPTION:

New Cone Mill, Model197. All the parts are interchangeable with Comil® (Registered Trademark of Quadro Engineering) 197. It comes with a variable frequency drive to control the speed.

SPECIFICATIONS:

Electrical:

Motor: 2HP, 1725 rpm, 220-440V/60-50Hz/3 Phase.

Variable Frequency Drive: 2HP, 220V/3 Phase/60-50 Hz.

Dimensions: 39" H (including the hopper) x 28" W x 20"D

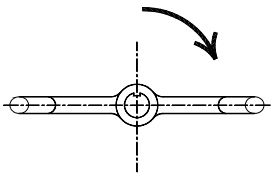
Materials of Construction: The machine frame is made of 304 SS and all the contact parts are made of 316 SS.

Impellers: Made of 316 Stainless steel

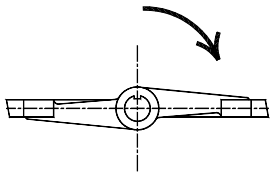
Impeller Part Numbers

197	
Part Number	Price
2A1601173	\$695
2A1607196	
2A1609197	
2A1612198	

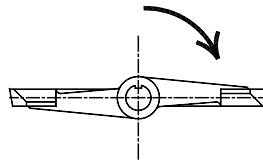
Impeller Applications



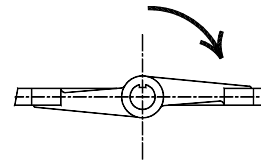
“1601”



“1607”



“1609”



“1612”

Impeller Style	Characteristics	Applications
1601	High throughput and low retention time. Product is caught in the 'bite' area between the side arm and the screen.	Primarily dry granulations.
1607 *	Lower throughput and higher retention time than '1601' impeller. Less aggressive. No zone of compression ('bite'). Less pressure on screen.	Generally recommended for wet products. Can be used for wet and dry granulations. Recommended for use with grater screens and for heat sensitive products.
1609	Less aggressive than '1607' impeller with less pressure on screen.	Generally used at higher speeds with small hole screens for fine grinding.
1612	More aggressive than '1601' impeller with higher pressure on screen. Very high throughput and low retention time. Angled side arms trap and force product through screen.	Dry powders. Usually used with larger round hole screens. (Note that 1612 profile is opposite of 1607 profile)

* The 1607 impeller is suitable for the most applications.

**CONICAL SCREEN INFORMATION FOR
CONE MILL, MODEL 197**

Currently available screens:

1. 2A048R01825 - Standard screen height, Model 197, 0.048" diameter hole, round, 0.018" thick, 25% open area.
2. 2A090R04020 - Standard screen height, Model 197, 0.090" diameter hole, round, 0.040" thick, 20% open area.
3. 2A115R04030 - Standard screen height, Model 197, 0.115" diameter hole, round, 0.040" thick, 30% open area.

Available soon:

STAGGERED ROUND HOLE PATTERN (316SS/150grit)						GRATER HOLE PATTERN (316SS/150grit)						
MODEL	HOLE INCH	THK INCH	OPEN AREA (%)	EXT	# of holes / Sq.inch	MODEL	HOLE INCH	THK INCH	OPEN AREA (%)	EXT	# of holes / Sq.inch	
Price: \$ 350 each						Price: \$ 695 each						
1A/2A	018	R	015	30	1179	2A	040	G	031	22	329	138
1A/2A	024	R	018	23	508	2A	050	G	037	19	136	76
1A/2A	032	R	025	28	350	2A	062	G	031	23	139	60
1A/2A	039	R	031	25	210	2A	079	G	031	23	120	37
1A/2A	045	R	031	37	230	2A	094	G	031	23	121	26
1A/2A	055	R	037	32	135	2A	109	G	031	27	122	23
1A/2A	062	R	037	41	135	2A	125	G	031	23	126	15
1A/2A	062	R	050	41	135	2A	156	G	031	24	129	10
1A/2A	075	R	037	51	115	2A	187	G	031	23	132	7
1A/2A	075	R	050	51	115	2A	250	G	031	30	071	5
1A/2A	083	R	037	42	78	2A	312	G	031	30	070	3
Price: \$ 550 each						Price: \$ 550 each						
1A/2A	083	R	050	42	78	2A	375	G	031	28	091	2
1A/2A	094	R	037	41	59	2A	437	G	031	30	099	1.5
1A/2A	094	R	050	41	59	2A	500	G	031	33	100	1.3
1A/2A	094	R	062	41	59	2A	625	G	031	33	101	0.8
Price: \$ 265 each												
1A/2A	117	R	037	51	47							
1A/2A	125	R	037	40	33							
1A/2A	125	R	050	40	33							
1A/2A	156	R	037	63	33							
1A/2A	156	R	050	63	33							
1A/2A	187	R	037	51	19							
1A/2A	187	R	062	51	19							
2A	250	R	037	58	029							
2A	250	R	050	58	029							
2A	250	R	062	58	030							