

# CROWN Heavy Duty Granulators

Controlled reclamation of solid materials, pipes, thick bulky parts, heavy wall fittings, thick purgings, blocks, rods, high impact applications, haystack film, bailed fiber, thick sheet, cast blocks, engineered plastics and tires.

## Key Features

**Cutting Chamber:** high hardness steel is CNC machined and fine ground before assembly. Thick walls ensures long life, and high grade materials will not contaminate material being ground. Design allows for easy disassembly, repair and maintenance.

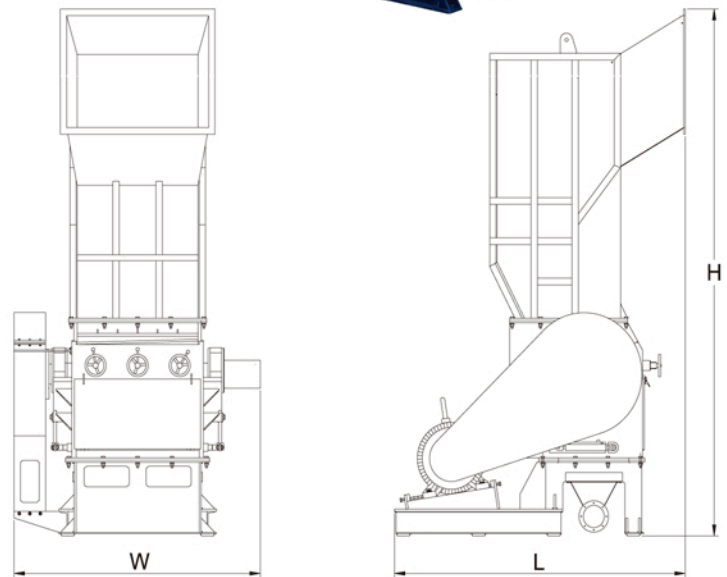
**Rotor:** made of the finest materials for durability and carefully balanced for stable operation. The “V” shape rotor knives are easy to change and produce consistent particle size.

**Knives:** manufactured from high chromium D-2 and D-3 steel for strength and maximum breakage resistance. Design allows for easy replacement

**Screen:** machined from strength steel or formed from high grade plate as required. Many different hole sizes are offered and easy change mountings allow you to tailor the machine to your needs.

**Hopper:** may be enclosed with sound proofing material to reduce noise levels. “Check” curtains in the hopper openings are provided to prevent plastic from being thrown back out.

**Pulley:** fitted to the rotor shaft with taper lock bushings for maximum security. The inertia effect of the massive pulley assures steady, reliable operation while the taper lock mounting provides ease of maintenance.



## G80 SERIES GRANULATOR DATA

Model	Motor		Cutting Chamber	Cutting Knives	Stationary Knives	Screen Holes( $\phi$ )
	KW	HP				
G80/120	130 - 200	174 - 268	800x1200mm (32"x48")	10/14	2/4	
G80/150	132 - 250	177 - 335	800x1500mm (32"x60")	10/14	4/6	4~25mm
G80/200	160 - 300	215 - 500	800x2000mm (32"x79")	10/14	4/6	(1/6"~1")

Model	Output kg/hr	Blower Power		Weight		Hopper Opening	Length x Width x Height (L x W x H)
		KW	HP	kg	lb		
G80/120	1000 - 1500	15	20	12000	26455	1350x1000mm (54"x40")	2765x2350x4710mm (109"x93"x186")
G80/150	1200 - 2000	15	20	13500	29762	1700x1000mm (67"x40")	2765x2700x4710mm (109"x107"x186")
G80/200	1500 - 2500	22	30	15000	33069	2250x1300mm (89"x52")	2965x3200x4610mm (117"x126"x182")



## G60 SERIES GRANULATOR DATA

Model	Motor KW	Cutting Chamber	Cutting Knives	Stationary Knives	Screen Holes( φ)
G60/80	75~110	600x800mm (24"x32")	10/14	2/4	
G60/100	75~132	600x1000mm (24"x40")	10/14	2/4	4~25mm
G60/120	75~160	600x1200mm (24"x48")	10/14	2/4	(1/6"~1")
G60/150	75~160	600x1500mm (24"x60")	10/14	4/6	

Model	Out put Max kg/h	Blower Power(KW)	Weight (kg)	Hopper Opening	Length x Width x Height (L x W x H)
G60/80	500~700	4~7.5	7500	1000x800mm (40"x32")	2435x1905x3645mm (96"x75"x144")
G60/100	600~800	5.5~11	8000	1180x800mm (47"x32")	2435x2085x3645mm (96"x83"x144")
G60/120	600~1000	7.5~15	8500	1350x800mm (54"x32")	2435x2255x3645mm (96"x89"x144")
G60/150	800~1100	11~22	9000	1750x980mm (69"x39")	2580x2605x3815mm (102"x103"x151")

## G50 SERIES GRANULATOR DATA

Model	Motor KW	Cutting Chamber	Cutting Knives	Stationary Knives	Screen Holes( φ)
G50/60	30~55	500x600mm (20"x24")	6/10	2/4	
G50/80	37~75	500x800mm (20"x32")	6/10	2/4	3~25mm
G50/100	45~100	500x1000mm (20"x40")	6/10	2/4	(1/8"~1")
G50/120	45~100	500x1200mm (20"x48")	6/10	4/6	

Model	Out put Max kg/h	Blower Power(KW)	Weight (kg)	Hopper Opening	Length x Width x Height (L x W x H)
G50/60	400~500	3	2500	600x500mm (24"x20")	1625x1445x2070mm (64"x57"x82")
G50/80	400~600	4~5.5	3000	800x500mm (32"x20")	1625x1645x2070mm (64"x65"x82")
G50/100	500~700	5.5~11	3500	1000x500mm (40"x20")	1625x1845x2070mm (64"x73"x82")
G50/120	500~1000	7.5~15	4000	1200x500mm (48"x20")	1625x2045x2070mm (64"x81"x82")

## G46 SERIES GRANULATOR DATA

Model	Motor KW	Cutting Chamber	Cutting Knives	Stationary Knives	Screen Holes( φ)
G46/30	7.5~11	460x310mm (19"x13")	3	2	
G46/40	11~15	460x410mm (19"x17")	3	2	3~25mm
G46/60	15~18.5	460x620mm (19"x25")	6	4	(1/8"~1")
G46/80	22	460x800mm (19"x32")	6	4	
G46/110	30	460x1100mm (19"x44")	6	4	

Model	Out put Max kg/h	Blower Power(KW)	Weight (kg)	Hopper Opening	Length x Width x Height (L x W x H)
G46/30	100~150	1.1	1000	310x450mm (13"x18")	1240x950x1850mm (49"x38"x73")
G46/40	150~200	2.2	1200	410x450mm (17"x18")	1240x1050x1850mm (49"x42"x73")
G46/60	200~300	2.2	1600	620x500mm (25"x20")	1440x1260x1900mm (57"x50"x75")
G46/80	300~500	4	2000	800x500mm (32"x20")	1440x1440x1900mm (57"x57"x75")
G46/110	400~600	5.5	2800	1100x500mm (44"x20")	1440x1740x1950mm (57"x69"x77")

## GH30 SERIES GRANULATOR DATA

Model	Motor power KW	Cutting chamber	Cutting knives	Stationary knives	Screen Holes( φ)
GH30/20	4	300x200mm (12"x8")	3	2	3~15mm
GH30/28	5.5	300x280mm (12"x11")	3	2	(1/8"~3/5")
GH30/36	7.5	300x360mm (12"x15")	3	2	

Model	Out put Max kg/h	Blower power(kw)	Weight(kg)	Hopper Opening	Length x Width x Height (L X W X H)
GH30/20	100	0.75	550	200x350mm (8"x14")	820x800x1700mm (33"x32"x67")
GH30/28	100~150	0.75	650	280x350mm (12"x14")	820x880x1700mm (33"x35"x67")
GH30/36	100~200	0.75	750	360x350mm (15"x14")	820x960x1700mm (33"x38"x67")