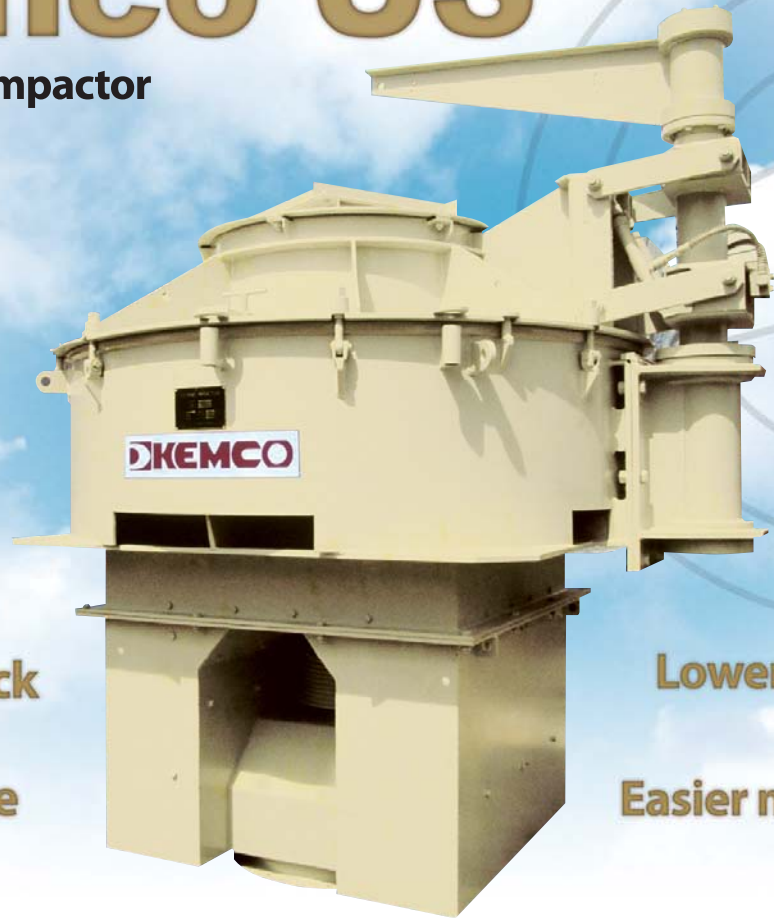


Kemco US

Vertical Shaft Impactor

● Made in Japan



Rock on Rock

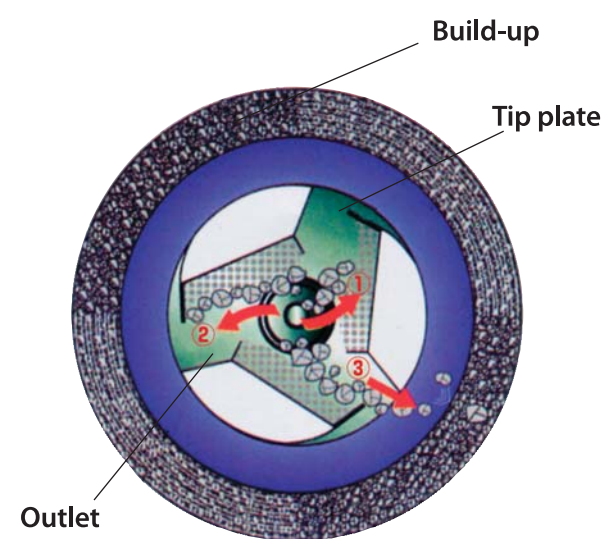
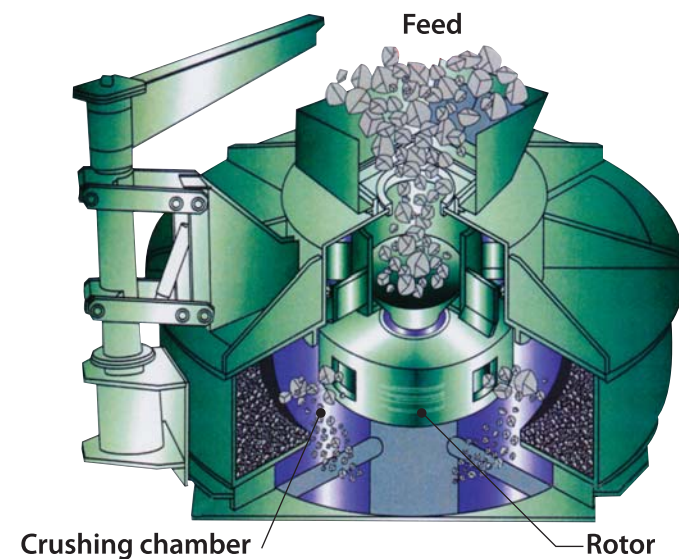
Cubical shape

Lower wear cost

Easier maintenance

Crushing Mechanism

Rotor Unit



US can significantly improve the solid content.

	Size (mm)	Rock type of raw material	Solid content of raw material	Solid content after US
Coarse aggregate	20-5	Andesite	55%	60%
Fine aggregate	2.5-1.2	Sandstone	50%	56%

The improvement in solid content can reduce the unit volume consumption of both water and cement.

US series specification

Model	Specification	Max. feed size (mm)	Rotor diameter (inch)	Rotor tip speed (m/s)
US301H		55	30	45-65
US322H		60	32	45-65
US394H		70	39	35-65
US496H		70	49	35-55

US series throughput (T/H)

Model	Rotor tip speed (m/s)	Motor power (HP)															
		60	75	100	120	150	170	200	250	300	350	400	500	600	700	800	
US301H	45		55	80	95	115											
	55			55	70	85	100	115									
	65			40	50	60	70	90	115								
US322H	45					130	150	180	230								
	55						100	125	165	195	220	230					
	65						70	90	115	135	160	190	230				
US394H	35							300	400	450							
	45								245	280	320	380	450				
	55										250	330	390	440	450		
US496H	65													270	320	380	
	35															800	
	45															740	
	55															495	

Note:

1. The throughput above can be achieved when feed of 1.6t/m³ bulk density is constantly supplied.
2. The throughput above varies depending on moisture content (max. 4%), size and property of feed material.
3. Grain shape and crushing efficiency can be better improved at higher rotor speed.
4. Wet type US is also available for feed material with higher moisture content.
5. Twin motor to be used to achieve the throughput enclosed by □.

US Dimension (mm)

Size (mm) of Model	A	B	C*	D*	E*	F	G	H
US301H								
US322H	φ2110	1645	3000	4645	3300	1112	397	182.9
US394H	φ2610	2019	3400	5419	3700	1390	587	238.2
US496H	φ3200	2218	4000	6218	5300	1927	710	409.8

Note*: The figures of C, D and E are estimated values.