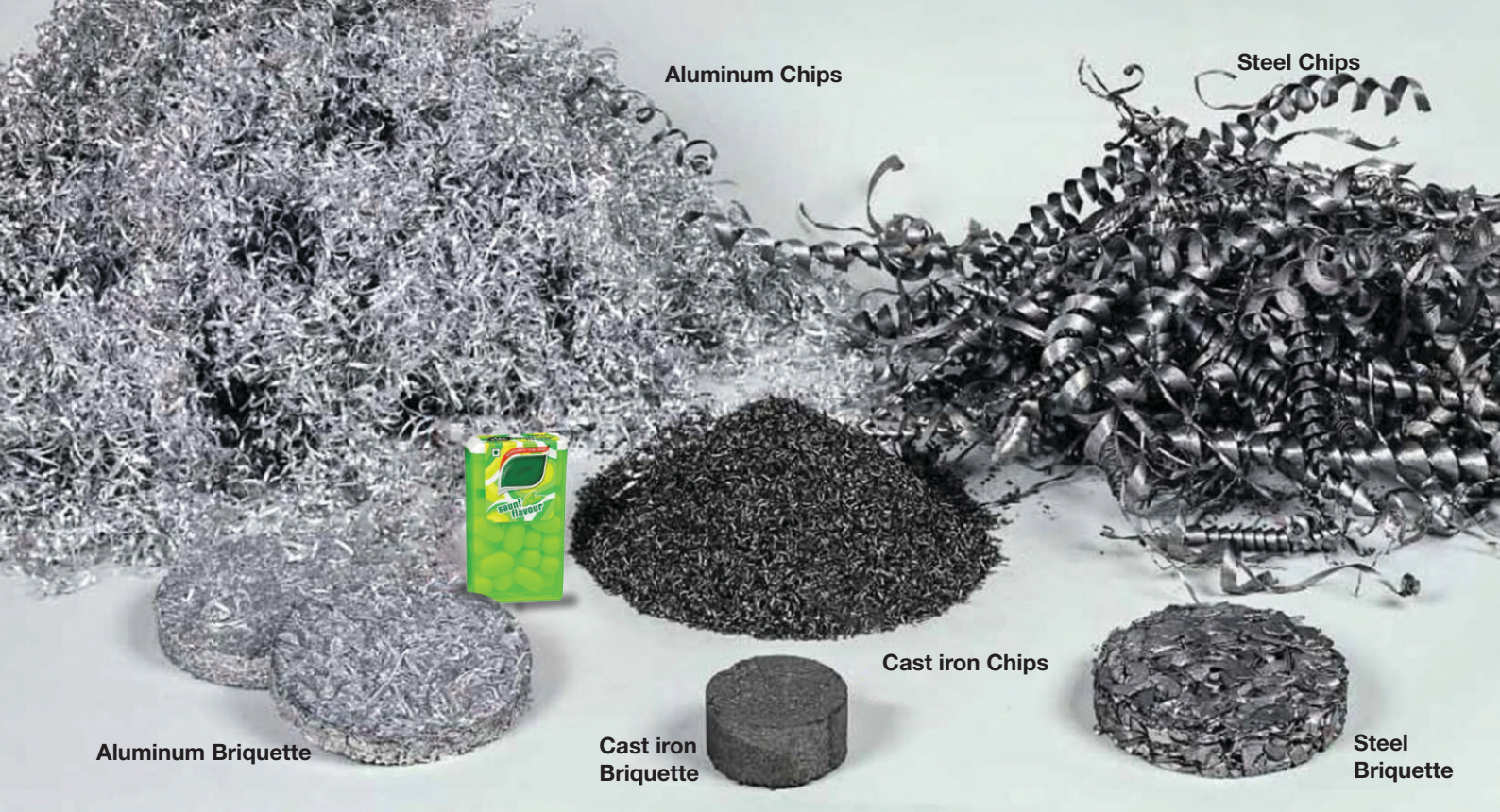


AUTOMATIC CHIP COMPACTOR

KIRIKO



- Japanese Technology & Quality
- Over 300+ Successful Installations
- 6 Tons per Day
- Optimised foot print & portable
- Handles Ferrous & Non Ferrous Chips
- Automation Ready
- Reduces chip storage space
- Sell scrap at higher rate
- Reduces chip transportation cost
- Hard briquettes, do not disintegrate
- Elimination of drying racks or centrifugal dryers (Coolant Recovery)
- Reduces power consumption (Smelting Process)
- Reduces occupational health and safety risks (Avoid spillage/cuts during handling)
- Significantly reduces impact on environment



Aluminum Chips

Steel Chips

Aluminum Briquette

Cast iron Briquette

Cast iron Chips

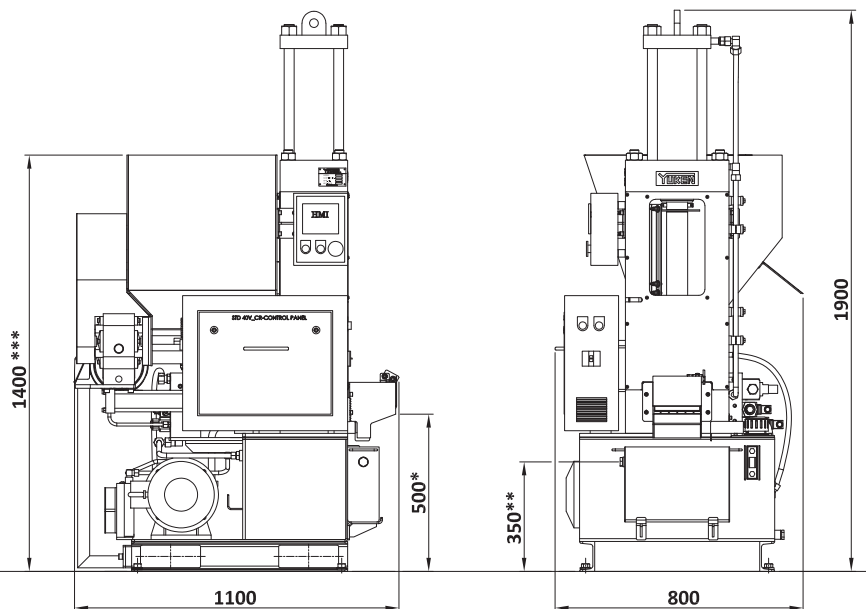
Steel Briquette

Volume reduction of materials

40V Chip Compactor



Description	Specification
Model	YK-40V-10CR
Compacting force	40 Tons
Connected load	5.3 KW
Compressing pressure	1000 Kg / cm ²
Briquette Diameter	70 mm
Briquette Density compared to Raw Material	
Cast Iron	Up to 45%
Aluminium	Up to 50%
Steel	Up to 40%
Approximate Output	
Cast Iron	40 to 60 Kg/ Hr
Aluminium	30 to 45 Kg/ Hr
Steel	35 to 55 Kg/ Hr
Machine Weight	~ 850 Kg
Machine Dimension	(L X W X H) 1100 X 800 X 1900 mm



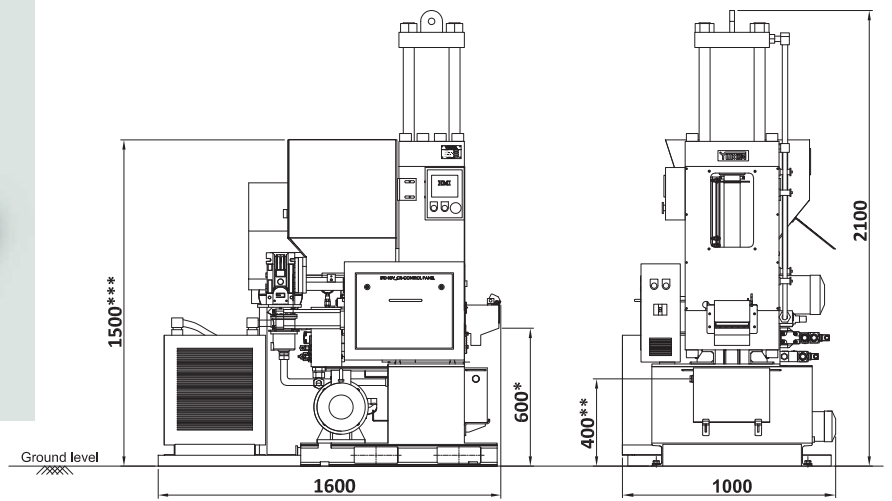
- * Briquette unloading height
- ** Gravity flow collection of recovered coolant / oil
- *** Chips loading height

Ground level

80V Chip Compactor

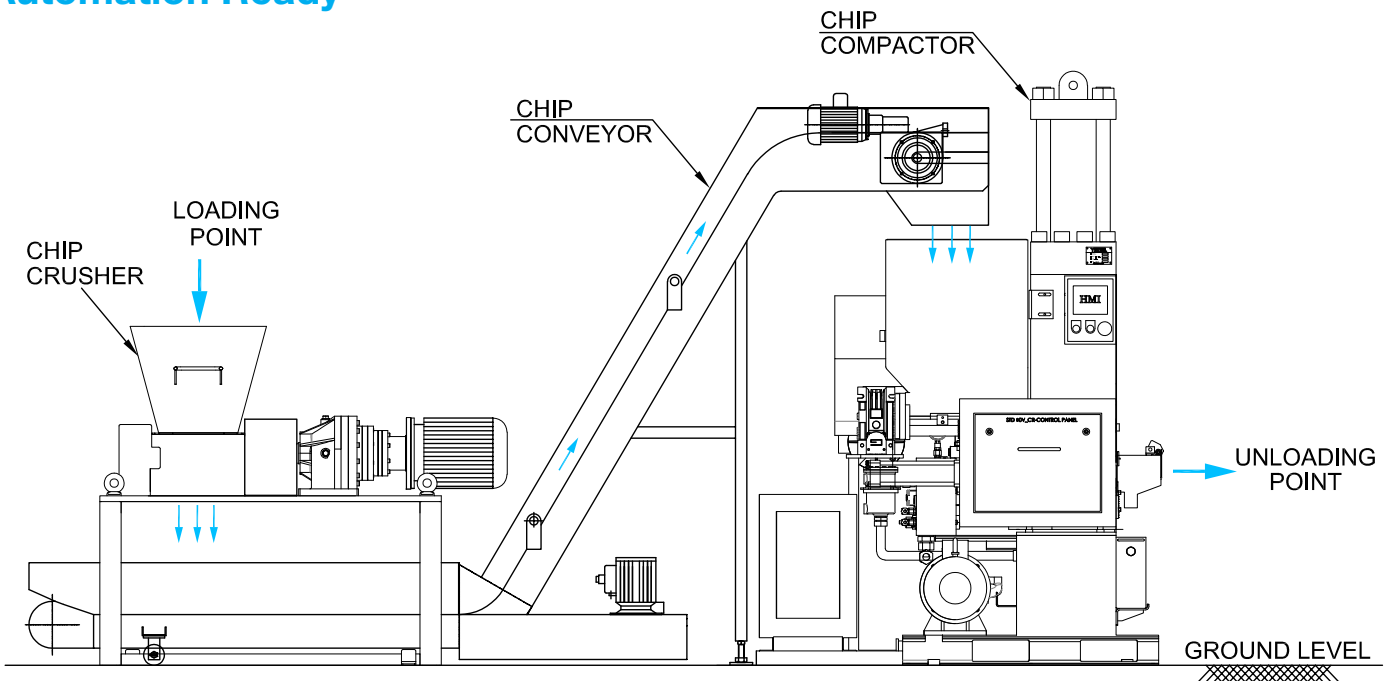


Description	Specification		
Model	YK-80V-10CR	YK-80V-16CR	YK-80V-20CR
Compacting force	80 Tons		
Connected load	5.8 KW		
Compressing pressure	1000 Kg/cm ²	1600 Kg/cm ²	2000 Kg/cm ²
Briquette Diameter	100 mm	80 mm	70 mm
Briquette Density compared to Raw Material			
Cast Iron	Up to 48%	Up to 55%	Up to 65%
Aluminium	Up to 55%	Up to 70%	Up to 80%
Steel	Up to 45%	Up to 50%	Up to 60%
Approximate Output			
Cast Iron	80 to 110 Kg/ Hr	60 to 90 Kg/ Hr	55 to 80 Kg/ Hr
Aluminium	55 to 80 Kg/ Hr	50 to 70 Kg/ Hr	45 to 65 Kg/ Hr
Steel	80 to 100 Kg/ Hr	55 to 90 Kg/ Hr	50 to 75 Kg/ Hr
Machine Weight	~ 1400 Kg		
Machine Dimension (L X W X H)	1600 X 1000 X 2100 mm		

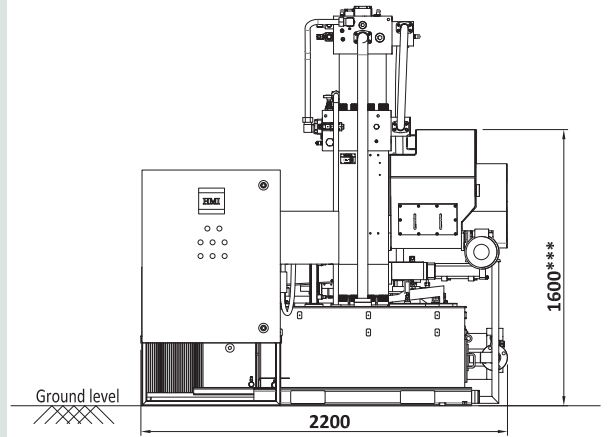
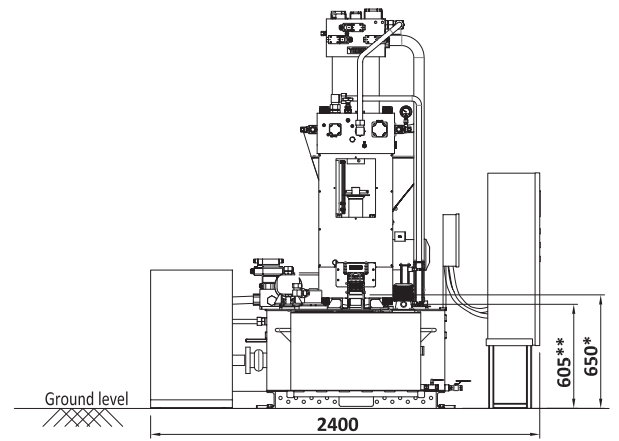


- * Briquette unloading height
- ** Gravity flow collection of recovered coolant / oil
- *** Chips loading height

Automation Ready

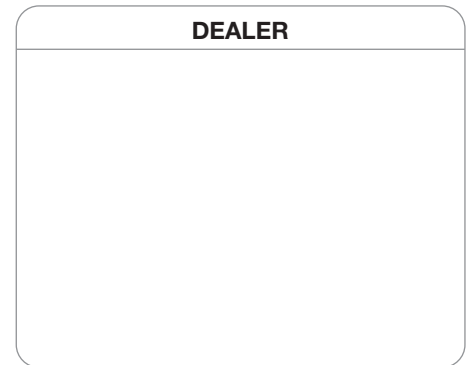


80V High Speed Chip Compactor



- * Briquette unloading height
- ** Circulation pump collection for recovered coolant /oil
- *** Chips loading height

Description	Specification		
Model	YK-80V-10CR-HS	YK-80V-16CR-HS	YK-80V-20CR-HS
Compacting force	80 Tons		
Connected load	21 KW		
Compressing pressure	1000 Kg/cm ²	1600 Kg/cm ²	2000 Kg/cm ²
Briquette Diameter	100 mm	80 mm	70 mm
Briquette Density compared to Raw Material			
Cast Iron	Up to 48%	Up to 55%	Up to 65%
Aluminium	Up to 55%	Up to 70%	Up to 80%
Steel	Up to 45%	Up to 50%	Up to 60%
Approximate Output			
Cast Iron	375 to 450 kg/ Hr	250 to 350 Kg/ Hr	200 to 300 Kg/ Hr
Aluminium	175 to 200 Kg/ Hr	150 to 180 Kg/ Hr	120 to 150 Kg/ Hr
Steel	300 to 350 Kg/ Hr	250 to 300 Kg/ Hr	200 to 300 Kg/ Hr
Machine Weight	~ 2500 Kg		
Machine Dimension	(L X W X H) 2400 X 2200 X 2300 mm		



Please Note:

- For long curly chips over 50 mm and thick chips over 0.5 mm, an independent crusher with suitable capacity is recommended.
- To select suitable compactor model, initial trials of sample chips to be conducted at YIL.
- The density and the output may vary depending on the type of chips and the material.
- The specification and appearance of the machine may change as we work continuously on improvements.



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