

DO YOU KNOW SOME FACTS OF PLASTIC PET BOTTLES?

- ▶ 1 million plastic Drinking Bottles are bought every minute around the world.
- ▶ Globally the annual consumption of plastic bottles has been rising very fast and will exceed half a trillion tonnes per year by 2021.
- ▶ Plastic pet bottle waste is one of the most common types of plastic waste and has detrimental effects on the environment and it is toxic and non-biodegradable

The Plastic pet bottle is often thrown away after use



LET US CHANGE THIS HABIT BY SHREDDING THEM IN PET BOTTLE SHREDDERS



**SAY NO TO LITTERING OF
WASTE PLASTIC PET BOTTLES
IN THE OPEN**

Are you Ready for the Change?

The faster we change this habit the lesser we damage the environment

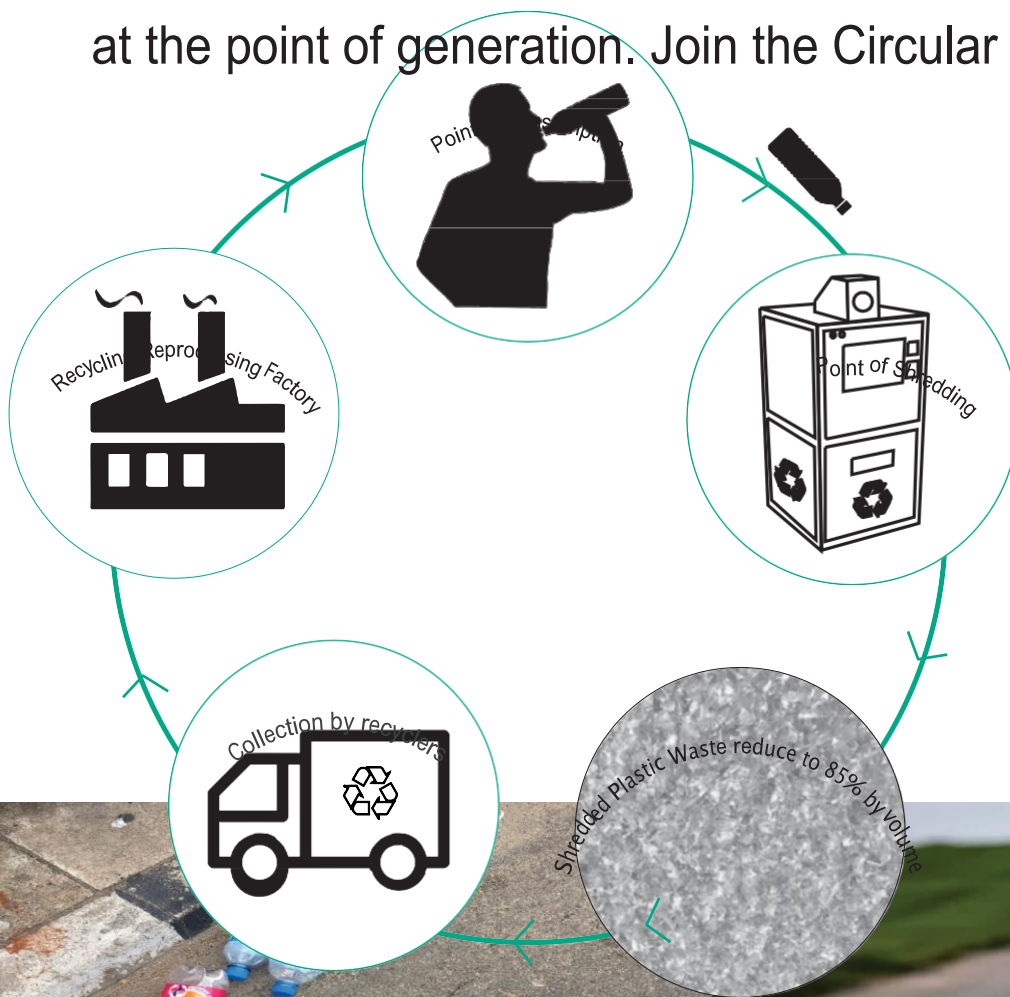
SAVE THE EARTH



BEAT THE USED PET BOTTLE POLLUTION

Are you Ready for the Change? Join us to change this habit by Committing to recycle

Sustainable solution for Pet Bottle Plastic Waste
at the point of generation. Join the Circular Economy.



- ▶ Creates awareness to change the habit from **throwaway** to **Recycle**
- ▶ Reward system to motivate users to make it a habit every time
- ▶ Easy to use with safety features
- ▶ 24/7 use of machines with LCD display, Ad Panels of static / Moving with advance technology features like sensor based, waste authentication, Digital panels, and IOT controlled facilitating the sponsors.
- ▶ The Pet bottle shredded at the point of generation is good for Recycling without much impurities.
- ▶ Ensures 100% Recycling of Pet Bottles without polluting the Seas & Oceans, Water bodies, Land & forests.



PET is the most widely

Pet Bottle shredders can be installed at the following point of generation of pet bottle waste

Comply with the New SWM Rules 2016
by
Segregation and Recycling your waste
with



Waste Management Solutions



**AVANTI
BS 100 P**



**AVANTI
BS 200 P**



**AVANTI
BS 200 PV**



CAN BE INSTALLED IN

- ▶ Municipalities & Urban Bodies
- ▶ State and Central Government Organisations.
- ▶ Areas under the control of Indian Railways and Railway Stations & Railway Coaches
- ▶ Bus Stations, Terminals
- ▶ Airports & Thrash Bay of Airline Operators
- ▶ Airforce and Navy Air bases
- ▶ Ports and Harbours
- ▶ All Defence Establishments
- ▶ All Special Economic Zones
- ▶ All Places of Pilgrims & Religious importance
- ▶ All places of Historical Importance & Tourist Places
- ▶ All Census towns
- ▶ All notified industrial Townships
- ▶ All Star Hotels
- ▶ All gated Housing & Apartments Communities
- ▶ All Industrial Canteens
- ▶ All Shopping Malls
- ▶ I-Max Theaters & Cine Plex
- ▶ Food Courts
- ▶ Commercial Office Complexes
- ▶ I.T. Parks etc.
- ▶ Zoo Parks

**BEAT THE USED
PET BOTTLE POLLUTION**

Now you have the power to change things choose **NxGen** as your ideal partner to implement your CSR (Corporate Social Responsibility) & EPR (Extended Producer Responsibility) initiatives in large scale with quality, quantity, technology within time frame.



Choose from a wide range of Pet Bottle shredders for Public places with Display system, Rewarding system for user public, sensor based waste authentication, Adpanels of static / Moving Digital panels for sponsors.

Also CHOOSE from a range of pet bottle shredders for bulk shredding at central locations and through bays.



**BEAT THE USED
PET BOTTLE POLLUTION**

PET BOTTLE SHREDDERS

Compare Models, Specifications, Product Features and Application Areas



Model	BS 100P	BS 200P	BS 202P	BS 203P
Product Description	PET Bottle Shredder. Feed one by one upto 1 litre empty PET water Bottle. Other items, Paper cups, Plastic cups	PET Bottle Shredder. Feed one by one upto 2 litres empty PET water Bottle, 1 litre soft drinks Bottle Other Items: Paper cups, Plastic cups, metal cans	PET Bottle Shredder. Feed one by one upto 2 litres empty PET water Bottle, 2 litre soft drinks Bottle Other Items: Paper cups, Plastic cups, metal cans	PET Bottle Shredder. Feed one by one upto 2 litres empty PET water Bottle, 2 litre soft drinks Bottle Other Items: Paper cups, Plastic cups, metal cans
Pet Bottle Shredder	Can Shred 300-400 Bottles per hour	Can shred 400-500 Bottles per hour	Can Shred 600-700 Bottles per hour	Can Shred 700-900 Bottles per hour
Where to Install	Schools, Restaurants, Apartments, Complexes and Small Offices etc.	Railway Stations, Airports, Bus Stands, Pilgrimage Centres, Market Centres Defence establishments, etc.	Railway Stations, Airports, Bus Stands, Pilgrimage Centres, Market Centres Defence establishments, etc.	Railway Stations, Airports, Bus Stands, Pilgrimage Centres, Market Centres Defence establishments, etc.
Cutting Mechanism	Twin Shaft	Twin Shaft	Twin Shaft	Twin Shaft
Shred Chamber (mm)	100x100	120x120	120x120	120x120
Shred Size (mm)	12x60	6-12x50-100	6-12x50-100	6-12x50-100
Shred Capacity (varies according to input material)	6-7 Bottles/Min	8-10 Bottles/Min	11-13 Bottles/Min	14-16 Bottles/Min
Voltage Freq-50hz	220 v/ Single Phase	220v/Single Phase	415/220v	415v/220v
Power	0.4 H.P	1 H.P	2 H.P	3 H.P
Waste Volume (Litres)	100 L	180 L	180 L	180 L
Weight (Kgs)	85	170	200	210
Gross Weight Incl Packing	100	220	250	260
Machine Dimensions (mm) HxWxD	1340x470x530	1590x700x700	1590x700x700	1590x700x700
Motor Start/Off	Auto/Online	Auto/Online	Auto/Online	Auto/Online
Over Heat Protection	NA	YES	YES	YES
Working Cycle	Continuous	Continuous	Continuous	Continuous
Noise Level Idle	<65DB	<65DB	<65DB	<65DB
Additional Features	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing
Extra Features	None	None	None	

Technical Specifications subject to change due to continuous development of the product

Note : Shredding capacity may vary due too input material, feeding operation.



PET BOTTLE SHREDDERS

Compare Models, Specifications, Product Features and Application Areas



Model	BS 200PV	BS 202 PV	BS 203 PV	BS 200 PX
Product Description	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 1 litre soft drinks Bottle Other items: Paper cups, Plastic cups.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks bottle. Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks bottle. Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 1 litre soft drinks Bottle Other items: Paper cups, Plastic cups, metal cans.
Pet Bottle Shredder	Can Shred 400-500 Bottles per hour	Can shred 600-700 Bottles per hour	Can Shred 700-900 Bottles per hour	Can Shred 700-900 Bottles per hour
Where to Install	Railway Stations, Airports, Hotels & Resorts, Shopping Malls, Multiplexes, Office Complexes, Clubs & Other Public Places	Railway Stations, Airports, Hotels & Resorts, Shopping Malls, Multiplexes, Office Complexes, Clubs & Other Public Places	Railway Stations, Airports, Hotels & Resorts, Shopping Malls, Multiplexes, Office Complexes, Clubs & Other Public Places	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes
Cutting Mechanism	Twin Shaft	Twin Shaft	Twin Shaft	Twin Shaft
Shred Chamber (mm)	120x120	120x120	120x120	120x120
Shred Size (mm)	6-12x50-100	6-12x50-100	6-12x50-100	6-12x50-100
Shred Capacity (varies according to input material)	8-10 Bottles/Min	11-13 Bottles/Min	14-16 Bottles/Min	8-10 Bottles/Min
Voltage Freq-50hz	220 v/ Single Phase	415 v / 220 v	415/220v	220 v/single phase
Power	1 H.P	2 H.P	3 H.P	1 H.P
Waste Volume (Litres)	180 L	180 L	180 L	180 L
Weight (Kgs)	175	205	215	180
Gross Weight Incl Packing	225	255	265	240
Machine Dimensions (mm) HxWxD	1590x700x700	1590x700x700	1590x700x700	1590x700x700
Motor Start/Off	Auto/Online	Auto/Online	Auto/Online	Auto/Online
Over Heat Protection	YES	YES	YES	YES
Working Cycle	Continuous	Continuous	Continuous	Continuous
Noise Level Idle	<65DB	<65DB	<65DB	<65DB
Additional Features	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing
Extra Features	19" LED display with video drive	19" LED display with video drive	19" LED display with video drive	16" LED display with video drive Keypad to enter Mobile number, Coupan printer & SMS option.

Technical Specifications subject to change due to continuous development of the product
 Note : Shredding capacity may vary due too input material, feeding operation.



PET BOTTLE SHREDDERS

Compare Models, Specifications, Product Features and Application Areas



Model	BS 202 PX	BS 203 PX	BS 200 PE	BS 202 PE
Product Description	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks bottle. Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks bottle. Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 1 litre soft drinks Bottle Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks Bottle Other items: Paper cups, Plastic cups, metal cans.
Pet Bottle Shredder	Can Shred 600-700 Bottles per hour	Can shred 700-900 Bottles per hour	Can Shred 400-500 Bottles per hour	Can Shred 600-700 Bottles per hour
Where to Install	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes
Cutting Mechanism	Twin Shaft	Twin Shaft	Twin Shaft	Twin Shaft
Shred Chamber (mm)	120x120	120x120	120x120	120x120
Shred Size (mm)	6-12x50-100	6-12x50-100	6-12x50-100	6-12x50-100
Shred Capacity (varies according to input material)	11-13 Bottles/Min	14-16 Bottles/Min	8-10 Bottles/Min	11-13 Bottles/Min
Voltage Freq-50hz	415v/220	415 v / 220 v	220v/Single phase	415v/220 v
Power	2 H.P	3 H.P	1 H.P	2 H.P
Waste Volume (Litres)	180 L	180 L	180 L	180 L
Weight (Kgs)	210	220	200	200
Gross Weight Incl Packing	270	280	260	260
Machine Dimensions (mm) HxWxD	1590x800x800	1600x800x800	1700x740x740	1700x740x740
Motor Start/Off	Auto/Online	Auto/Online	Auto/Online	Auto/Online
Over Heat Protection	YES	YES	YES	YES
Working Cycle	Continuous	Continuous	Continuous	Continuous
Noise Level Idle	<65DB	<65DB	<65DB	<65DB
Additional Features	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing
Extra Features	16" LED display with video drive Keypad to enter Mobile number, Coupon printer & SMS option	16" LED display with video drive Keypad to enter Mobile number, Coupon printer & SMS option.	21" Monitor with touch panel, Micro Computer, Waste authentication system, SMS option.	21" Monitor with touch panel, Micro Computer, Waste authentication system, SMS option.

Technical Specifications subject to change due to continuous development of the product
 Note : Shredding capacity may vary due too input material, feeding operation



PET BOTTLE SHREDDERS

Compare Models, Specifications, Product Features and Application Areas



Model	BS 203 PE	BS 200 PEARS	BS 200 PEARL
Product Description	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 2 litres soft drinks bottle. Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 1 litre soft drinks Bottle Other items: Paper cups, Plastic cups, metal cans.	PET Bottle Shredder. Feed one by one Upto 2 litres empty PET water bottle, 1 litre soft drinks Bottle Other items: Paper cups, Plastic cups, metal cans.
Pet Bottle Shredder	Can Shred 600-700 Bottles per hour	Can shred 700-900 Bottles per hour	Can Shred 400-500 Bottles per hour
Where to Install	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes	Crowded Public places like Railway Stations, Airports, Bus stands, Pilgrimage Centres, Malls & Multi plexes, Office Complexes, Food Courts, special economic zone complexes
Cutting Mechanism	Twin Shaft	Twin Shaft	Twin Shaft
Shred Chamber (mm)	120x120	120x120	120x120
Shred Size (mm)	6-12x50-100	6-12x50-100	6-12x50-100
Shred Capacity (varies according to input material)	14-16 Bottles/Min	8-10 Bottles/Min	8-10 Bottles/Min
Voltage Freq-50hz	415v/220v	220v/Single phase	220v/Single phase
Power	3 H.P	1 H.P	1 H.P
Waste Volume (Litres)	180 L	180 L	180 L
Weight (Kgs)	240	210	250
Gross Weight Incl Packing	300	310	350
Machine Dimensions (mm) HxWxD	1700x740x740	1700x900x740	1700x900x740
Motor Start/Off	Auto/Online	Auto/Online	Auto/Online
Over Heat Protection	YES	YES	YES
Working Cycle	Continuous	Continuous	Continuous
Noise Level Idle	<65DB	<65DB	<65DB
Additional Features	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing	Bottle Sensing & Bin Full Sensing
Extra Features	21" Monitor with touch panel, Micro Computer, Waste authentication system, SMS option.	21" Monitor with touch panel, Micro Computer, Waste Authentication System, SMS Option. Static clip on advertisements Boards on Both sides	21" Monitor with touch panel, Micro Computer, Waste authentication system, SMS Option LED display 43" monitor on both sides.

Technical Specifications subject to change due to continuous development of the product
 Note : Shredding capacity may vary due too input material, feeding operation.



PET BOTTLE SHREDDERS

Compare Models, Specifications, Product Features and Application Areas



Model	BS 300 P	BS 400 P	BS 4050 P
Product Description	PET Bottle Shredder. PET water bottle, soft drinks bottle, upto (1000 ml) 80 mm dia and 300 mm length, oil cans, metal cans, HDPE Bottles. Other items: Paper cups, Plastic cups.	Pet Bottle Shredder. PET Water Bottles, soft drinks bottles upto (2000ml) 110 mm dia and 400 mm length, oil cans, metal cans, HDPE Bottles. Other items: Paper cups, Plastic cups.	Pet Bottle Shredder. PET Water Bottles, soft drinks bottles, HDPE Bottles, upto (2 litres) 110 mm dia and 400 mm length, Oil Cans, Metal cans. Other items: Paper cups, Plastic cups.
Pet Bottle Shredder	Shredding output of 75-100 Kgs / hour	Shredding output of 125-175 Kgs / hour	Shredding output of 200-250 Kgs / hour
Where to Install	Centralized shredding after collecting pet water bottles, soft drinks bottles, aluminium cans, paper cups, plastic cups with proper segregation and shredding through bays of Municipalities and urban bodies, Railway stations, Airports and Airline operations, Airforce, Navy & Military bases, Ports & Harbours, Defence establishments, Pilgrims centres, Tourist Historical places, Industrial townships, Industrial centers, Food Courts etc.		
Cutting Mechanism	Twin Shaft	Twin Shaft	Twin Shaft
Shred Chamber (mm)	310x310	410x410	410x410
Shred Size (mm)	6-12x50-100	6-12x50-100	6-12x50-100
Shred Capacity (varies according to input material)	75-100 Kgs/hr	125-175 kgs / hr	200-250 kgs / hr
Voltage Freq-50hz	415v/ 3 phase	415v/ 3 phase	415v/ 3 phase
Power	3 H.P	5 H.P	7.5 H.P
Waste Volume (Litres)	160 L	300 L	370 L
Weight (Kgs)	275	495	600
Gross Weight Incl Packing	330	560	675
Machine Dimensions (mm) HxWxD	1800x700x700	2000x800x1000	2100x1200x1000
Motor Start/Off	Auto/Online	Auto/Online	Auto/Online
Over Heat Protection	YES	YES	YES
Working Cycle	Continuous	Continuous	Continuous
Noise Level Idle	<65DB	<65DB	<65DB
Additional Features	NA	NA	NA
Extra Features	Over Load, Over Heat Auto Reverse PCB. Movable Metal Dust Bin Hopper Feed	Over Load, Over Heat Auto Reverse PCB. Movable Metal Dust Bin Hopper Feed	Over Load, Over Heat Auto Reverse PCB. Movable Metal Dust Bin Hopper Feed

Technical Specifications subject to change due to continuous development of the product

Note : Shredding capacity may vary due to input material, feeding operation.

