

Kashtakari Panchayat:

Kashtakari Panchayat (KP) is a charitable trust established in 2010 to strengthen waste pickers' livelihoods by addressing their financial, legal, and social needs, and supporting the development of their collectives. Acting as a bridge between workers and institutions, KP facilitates access to government schemes, education, emergency assistance, and other social welfare programs. KP's efforts towards livelihoods improvement are designed to support waste pickers in advancing within the recycling value chain by transitioning them justly into formal or semi-formal roles and operating sustainable, waste picker-focused enterprises. We also engage in training, research, and policy work to enhance the visibility, dignity, and income of waste pickers.

Description of machines:

<u>S.No</u>	Particular	Specifications
1	Extrusion machine dimensions	Dimensions: Screw: 100 mm diameter, 9 feet length Gear Box: Premium brand, 200 No. Helical (heavy duty) Head: 200 mm, Hydraulic screen changer Cutter Machine: 8 inches, 20 blades Water Tank: Stainless steel, 9 feet length
		Electrical Details: Extruder Motor: 40 HP ABB Cutter Motor: 3 HP ABB Panel Board: 8-zone control, L&T switches Production Capacity: 130–150 kg/hour
2	Mixer machine	Motor: 30 HP ABB motor with panel Capacity: 150kg/hour
3	Washer	Motor: 20 HP ABB motor with panel
4	Dryer	Motor: 10 HP Single drum dryer machine,
5	Effluent treatment plant	3 kilo liters per day, TYPE: Skid mounted effluent treatment plant
		Primary treatment: Reaction cum settling tank, Secondary Biological treatment: Aerobic Moving bed Bio reactor (MBBR), Tertiary system: Pressure sand filter and activated carbon filter

1. Extrusion machine



2. Mixer Machine



3. Washer



4. Dryer



5. Effluent Treatment Plant

