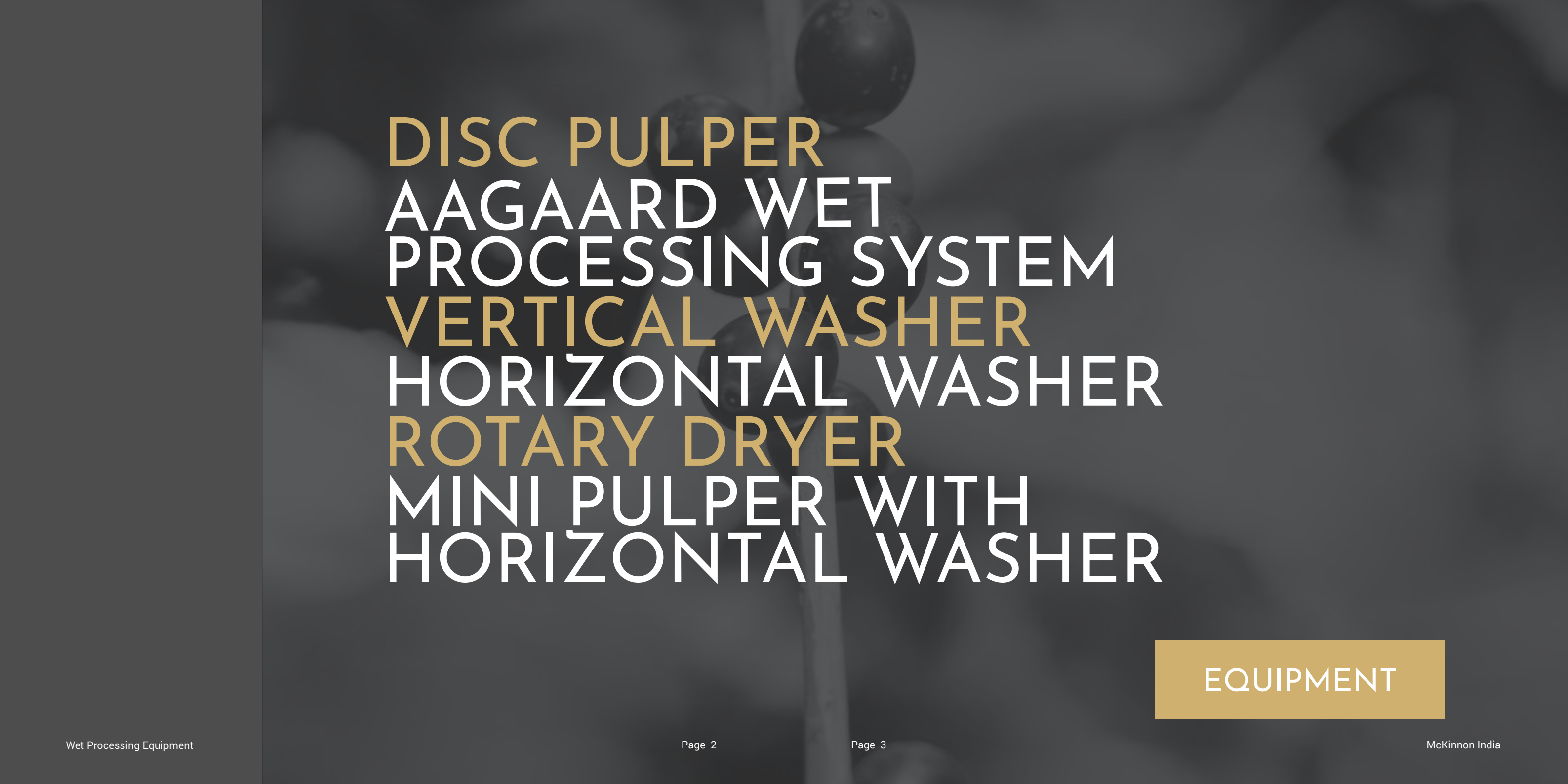


A close-up photograph of a metal bowl filled with coffee cherries (red and yellow) being washed with water. Water is splashing out of the bowl, creating many bubbles and droplets. A semi-transparent green rectangle is overlaid on the center of the image, containing the text 'WET PROCESSING EQUIPMENT' in white, bold, sans-serif capital letters.

WET PROCESSING EQUIPMENT

YOUR TRUSTED PARTNER IN THE COFFEE BEAN JOURNEY!

www.mckinnon.co.in



DISC PULPER
AAGAARD WET
PROCESSING SYSTEM
VERTICAL WASHER
HORIZONTAL WASHER
ROTARY DRYER
MINI PULPER WITH
HORIZONTAL WASHER

EQUIPMENT

“
Good coffee fuels mornings, fosters connections, enhances mood, and adds moments of delight to daily routines, making life more enjoyable.



OUR COMPANY

McKinnon India Private Limited, founded in 1993 in Coimbatore (Tamil Nadu), is a joint venture with the prestigious William McKinnon & Co Ltd. based out of Aberdeen, Scotland, established in 1798. McKinnon is a leading manufacturer, wholesaler, and exporter of Wet Processing Systems, Dry Processing Systems, and Laboratory Equipment.

Crafting Quality, Ensuring Excellence.

McKinnon has built a reputation for manufacturing quality machinery that withstands decades of use while achieving consistent and reliable processing.



DISC PULPER

ABOUT MACHINE

The Disc Pulper is used in wet processing plants to pulp ripe coffee cherry to parchment.

The coffee is fed from fruit tanks and the wet parchment is discharged into fermentation tanks. The water is recovered and recirculated.

They are made with one, two, three and four discs according to the capacity required.

Disc Pulpers require minimum amount of water for pulping and the water can be recirculated for reuse after filtering of skins. They can be run with Electric Motors or Diesel Engines and have capacity of 1000 kgs of ripe coffee cherry intake per hour per disc.

McKinnon Disc Pulpers can be used in conjunction with Cherry Feeders, Aagaard Pregraders, Rotary Sieves and Shaking Sieves.

Technical Specifications:

Description	Power required (HP)	Input Capacity of Ripe Cherry (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
1 Disc Pulper	1	850-1000	275	325	1.15
2 Disc Pulper	2	1700-2000	310	450	1.50
3 Disc Pulper	3	2550-3000	580	780	1.75
4 Disc Pulper	5	3400-4000	650	850	2.50



DISC PULPER
WET PROCESSING EQUIPMENT

AAGAARD WET PROCESSING SYSTEM

ABOUT MACHINE

The Aagaard Wet Processing System has been designed to produce a uniform quality of first parchment and for total pulping of the intake ripe coffee cherry.

It consists of a wet sieving surface and a paddle elevator, ensures the separation of wet parchment into firsts, seconds and lights.

The firsts are discharged into a separation chamber for paddle elevation to fermentation tanks while the seconds and lights are led to the repasser pulper. The pregrader produces a first grade of well pulped and uniform size parchment, completely free from skins and helps grade the coffee for future dry processing. A repasser disc pulper with either one or two disc type is used for pulping of light cherry from the Pregrader.

The Aagaard pulping system can be configured into modular units of capacities from 2000 kgs to 4000 kgs of cherry intake per hour and can be Motor or Diesel Engine driven.

Technical Specifications:

Description	Power required (HP)	Engine required (BHP)	Input Capacity of Ripe Cherry (kg/hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
2 Disc Pulper Aagaard System	3	6	1700-2000	1000	1400	6.0
3 Disc Pulper Aagaard System	4	6	2550-3000	1100	1500	6.5
4 Disc Pulper Aagaard System	7	10	3400-4000	1300	1800	7.0



AAGAARD WET PROCESSING SYSTEM
WET PROCESSING EQUIPMENT

VERTICAL WASHER



ABOUT MACHINE

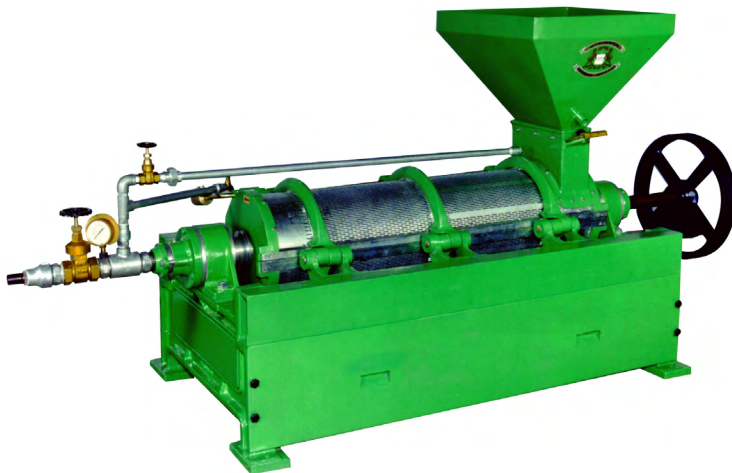
The Vertical Washer is a piece of equipment used to remove sticky mucilage from parchment covers.

This machine can be used after the fermenting process or directly from the pulper.

Technical Specifications:

Description	Power required (HP)	Input Capacity of Wet Parchment (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
Vertical Washer (VW – 1)	10	800-1000	625	775	2.25
Vertical Washer (VW – 2)	20	1600-1800	875	950	4.0

HORIZONTAL WASHER



ABOUT MACHINE

The Horizontal Washer is designed to remove mucilage from parchment mechanically.

Technical Specifications:

Description	Power required (HP)	Input Capacity of Wet Parchment (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
Washer	25	900-1000	900	1200	4.0
Mini Washer	7.5	350-450	525	650	2.1



ROTARY DRYER
WET PROCESSING EQUIPMENT

ROTARY DRYER

ABOUT MACHINE

The Rotary Dryer can be used to dry both cherry and parchment coffee and yields uniformly dried products.

It is available in different sizes/volumes ranging from 1000 litres to 16000 litres. Even though the dryer is designed to dry coffee products, the function can be replicated for products like chicory and turmeric (subject to change of perforated screens according to the product).

It comes with optional equipment; Silo with Elevator. The Silo is used to store the product and the Elevator is used to load the product into Silo.

Note: Weight/Batch is only an approximate value. This may vary depending on the input material of parchment or cherry coffee, and the moisture content of the product.

Technical Specifications:

Description	Power Required in HP			Approximate weight / Batch (Parchment)
	Drum Brake Motor	Blower Motor	Elevator Gear Motor	(Kgs)
1000 Litres	2	2	1	500 - 650
2000 Litres	2	2	1	1000 – 1300
4000 Litres	3	3	1	2000 – 2500
6000 Litres	3	3	1	3000 – 4000
8000 Litres	5	5	1	4000 – 5000
10000 Litres	5	5	2	5000 – 6000
16000 Litres	7.5	7.5	2	9000 - 10000

MINI PULP WITH HORIZONTAL WASHER



ABOUT MACHINE

Mini Pulper: A small Disc Pulper to give excellent yields, no cuts or nips and requires minimal water usage.

Horizontal Washer: A small washer to remove the mucilage from the parchment coffee to leave the coffee squeaky clean, ready for soaking or straight to the drying yard.

Technical Specifications:

Input Capacity of Ripe Cherry (Kg/Hr)	Power (HP)	Power Required for Diesel Engine (BHP)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
400-500	7.5+1.0	10	350	480	2.50





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