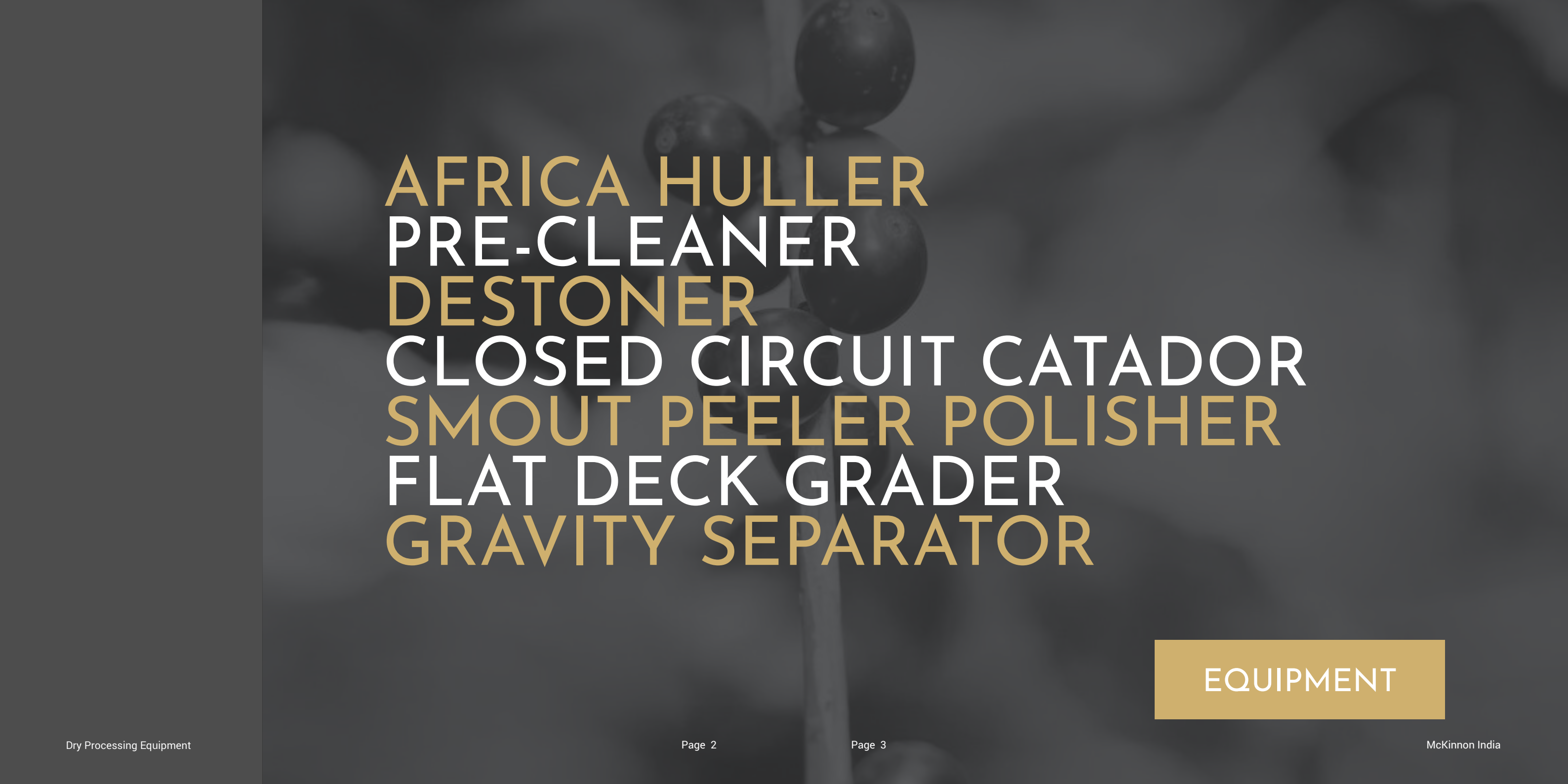




DRY PROCESSING EQUIPMENT

YOUR TRUSTED PARTNER IN THE COFFEE BEAN JOURNEY!

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AFRICA HULLER
PRE-CLEANER
DESTONER
CLOSED CIRCUIT CATADOR
SMOUT PEELER POLISHER
FLAT DECK GRADER
GRAVITY SEPARATOR

EQUIPMENT

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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.



AFRICA HULLER

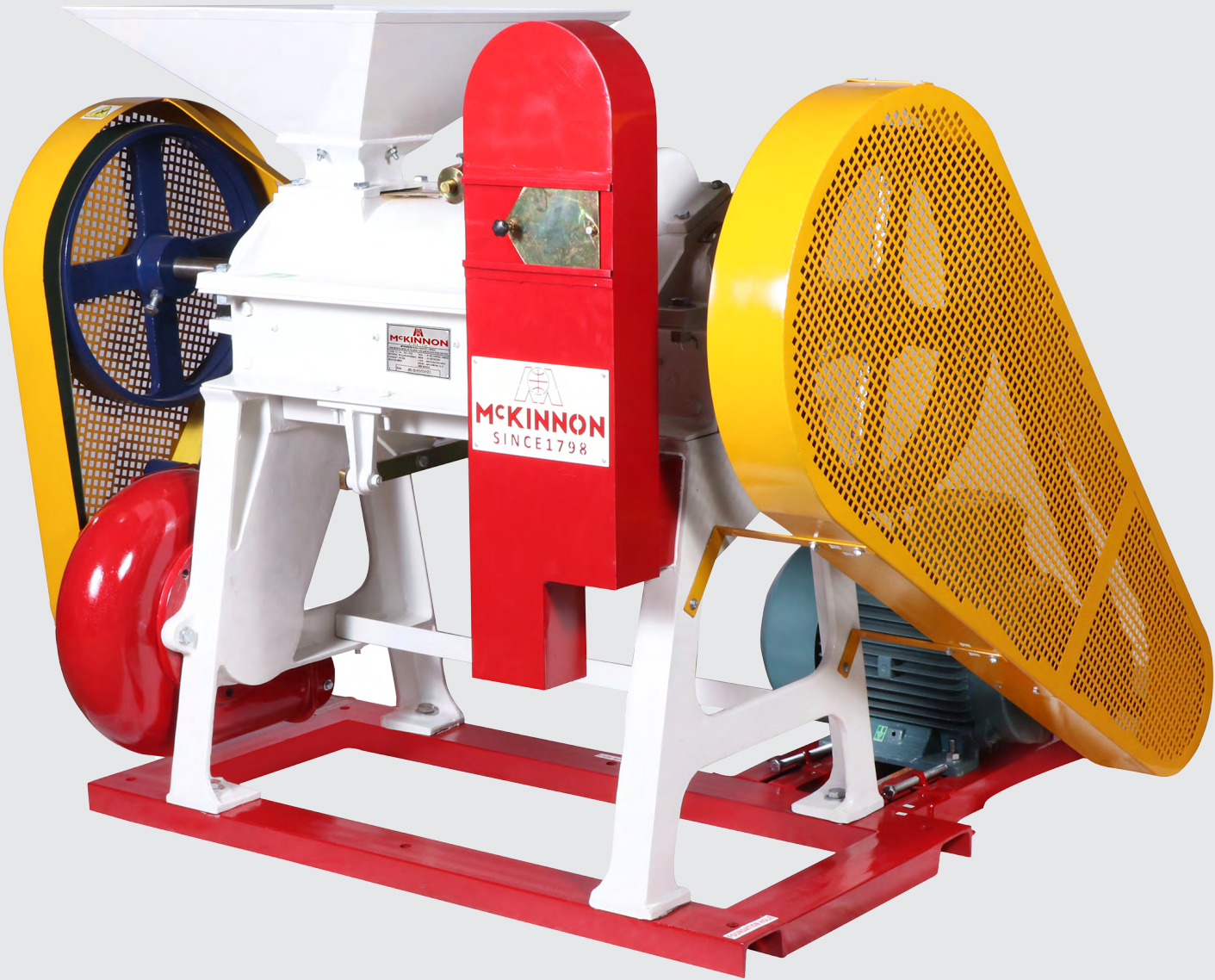
ABOUT MACHINE

The Africa Huller is specifically designed to process dry cherries.

The lower portion of the casing is perforated to allow the husks to pass into the husk chamber. To facilitate the feeding process, the cylinder's feed end is fitted with angled ribs, allowing the coffee to move from one end of the cylinder to the other. At the delivery end, three angular lifters lift the coffee to the delivery spout. Any shells or dust that falls into the husk chamber is removed by a fan fitted in the feed end frame of the machine. In larger models, the lower portion of the dust casing is hinged for cleaning purposes and to facilitate screen changes. The feed and delivery spouts are equipped with regulators for optimal control.

Technical Specifications:

Description	Power Required (HP)	Output Capacity of Green Coffee (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
No.0	40	650-750	1000	1300	5.0
No.1	25	400-500	800	965	4.0
No.2	15	200-250	480	575	2.5
No.5	5	75 – 125	240	305	1.75
No.6	2	10 – 15	75	110	1.5
No.6 (Hand Operated)	-	NA	65	100	0.5



AFRICA HULLER
DRY PROCESSING EQUIPMENT



PRE-CLEANER
DRY PROCESSING EQUIPMENT

PRE-CLEANER

ABOUT MACHINE

Pre-Cleaners are specifically designed to effectively eliminate unwanted debris such as iron particles, sand, rubble, and other impurities from coffee through a cleaning and screening process.

This machine is designed for minimum maintenance and its rubber ball cleaning mechanism ensures maximum screening area is always available.

The machine's capacity varies depending on the characteristics of the input product, ranging from 800kgs/hr to 5000kgs/hr.

Technical Specifications:

Description	Power Required in HP	Input Capacity (Kg/Hr)			Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
		Dry Cherry	Dry Parchment	Green Coffee			
PST 3R	7.5	800 - 1200	1000 - 1500	1800 - 2100	720	1065	9
PST 7R	7.5	1700 – 2500	2000 – 3000	4200 - 5000	890	1430	11

DESTONER



ABOUT MACHINE

The Dry Destoner is designed to eliminate stones from dry parchment, dry cherries, or green coffee.

Its design takes advantage of the difference in weight between the coffee and the stones.

Depending on the input product characteristics, the Dry Destoners have a capacity that ranges from 600 kg/hour to 6000 kg/hour.

Technical Specifications:

Description	Power Required (HP)	Input Capacity (Kg/Hr)			Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M3)
		Dry Cherry	Dry Parchment	Green Coffee			
PVS 3	11.25	600 – 1000	800 – 1200	1800 – 2100	190	440	2.67
PVS 7	11.25	1600 – 2000	1400 – 2000	3200 – 4000	230	630	4.18
PVS 15	17.5	2200 – 4000	2800 – 4000	5000 – 6000	662	1000	6.5

CLOSED CIRCUIT CATADOR

ABOUT MACHINE

The dustless Closed Circuit Catador is designed to separate heavy beans from light beans and to remove dust, shells, immature beans, stones, and external matter from green coffee.

The operating speeds and air quantities can be adjusted to achieve this separation. These catadors are especially effective in removing discolored or insect-damaged beans, which are typically lighter than mature beans.

The machine comes equipped with an electric motor platform and shaft extension that can accommodate either an electric motor or diesel engine drive. The recommended capacity for the machine is 1000 kg/ hour, with operating speeds that vary depending on the type of separation required.

Technical Specifications:

Description	Power required (HP)	Input Capacity of Green Coffee (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
Catador	1.5	200 - 250			
Catadors	3	900 – 1000	520	850	4.0
Catador	5	1800-2000	620	720	4.5



SMOUT PEELER POLISHER

ABOUT MACHINE

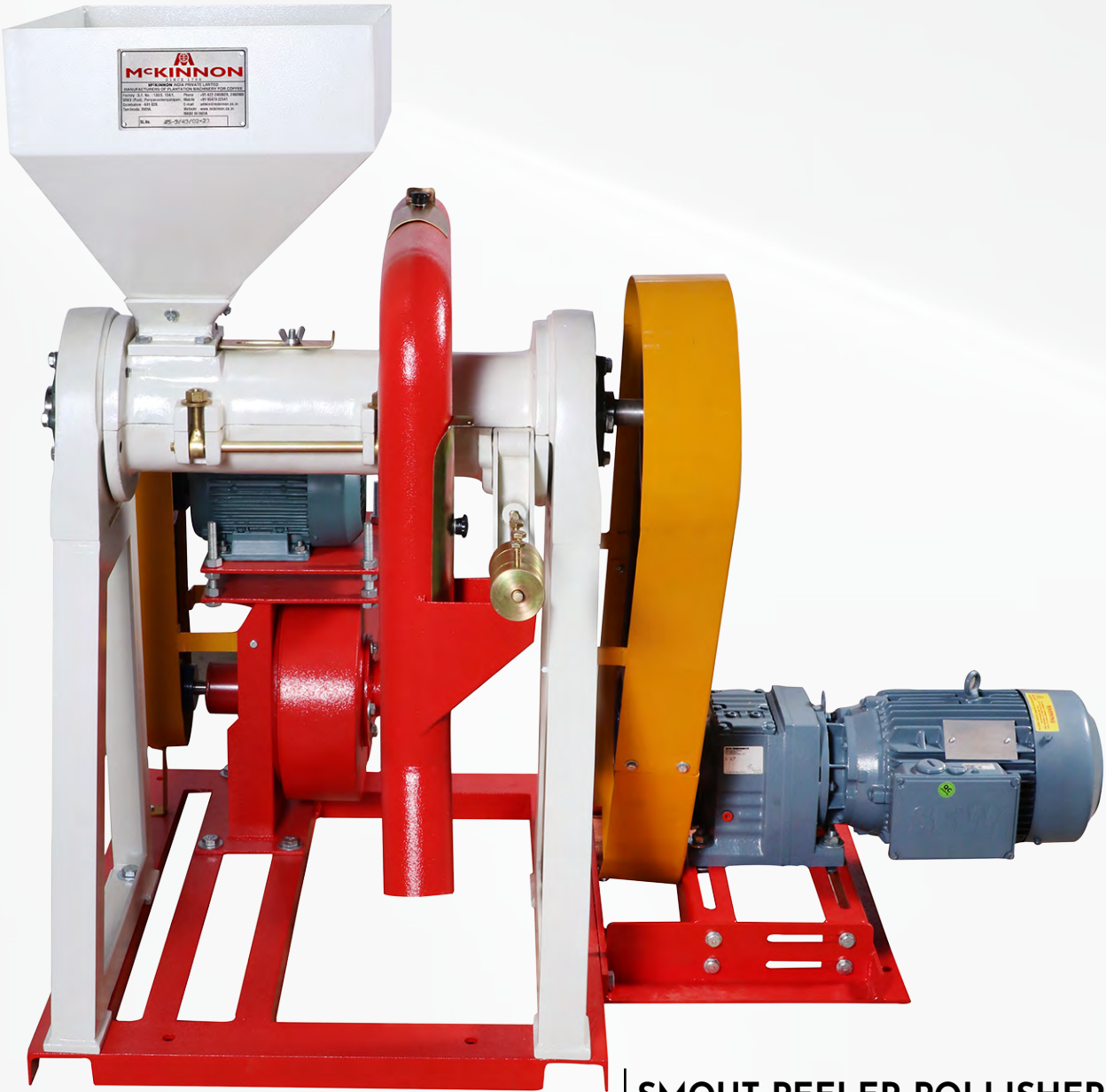
Smout Peeler-Polishers are designed to process dry parchment coffee.

These machines can be used for both peeling and polishing or only polishing which involves removing the silver skin. Since this equipment performs both operations simultaneously, there is no need to pass parchment through a huller prior to polishing. This saves considerable energy and also reduces damage to the coffee. Output capacities range from 15 kg/hour to 2000 kg/hour. When the parchment is fed at the correct moisture content (ideal moisture level between 10.5% - 11.0%) the machine produces green coffee without bean breakage and with uniform polishing.

Technical Specifications:

Models are available for hand operation and sampling purposes.

Description	Power Required (HP)	Output Capacity of Green Coffee (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
Smout Peeler Polisher 54"	40 + 5	1800 – 2000	1505	2250	6.0
Smout Peeler Polisher 42"	20 + 3	900 – 1000	850	1250	4.5
Smout Peeler Polisher 36"	10 + 1	450 – 500	535	800	4.0
Smout Peeler Polisher 28"	5+1	175 – 225	410	580	2.0
Smout Peeler Polisher 18"	3 + 1	75 – 100	200	300	2.0
Smout Peeler Polisher 9"	1.0	10 – 15	75	115	1.0



SMOUT PEELER POLLISHER
DRY PROCESSING EQUIPMENT

FLAT DECK GRADER

ABOUT MACHINE



The Flat Deck Grader utilizes vibrating screens to sort coffee beans based on their size.

They are available in both single and double-deck versions to accommodate varying grading needs and capacities.

Adjustments can be made to the inclination of the screens, stroke, and angle of throw to achieve consistent and precise classification.

Customized round holes and slotted screens of any size can be obtained.

Technical Specifications:

Description	Power required (HP)	Input Capacity of Green Coffee (Kg/Hr)	Machine Net Weight (Kg)	Machine Gross Weight (Kg)	Shipping Volume (M³)
Single Deck	0.5	200-250	630	840	5.05
Single Deck	1	400-500	890	1110	8.25
Single Deck	1.5	900-1000	1200	1300	8.45
Single Deck	2	1800-2000	1300	1410	16.77

GRAVITY SEPERATOR

ABOUT MACHINE



The Gravity Tables are utilized post the hulling and peeling/polishing stages to separate heavy and light coffee beans.

These tables can be used in conjunction with Closed Circuit Catadors for optimal results, or as a standalone alternative. When well adjusted, the tables effectively remove all defective beans, resulting in uniformly weighted coffee.

Input capacities range from 150 kg/hr to 3,000 kg/hr for green coffee input.

Technical Specifications:

Model No	Power required in HP	Input Capacity of Green Coffee in Kg/Hr	Deck Size (B x L) mm	No. of Blowers
GS 30	2	150 – 250	760 x 915	1
GS 50	5	500 – 750	760 X 1525	3
GS 80	7.5	800 – 1000	915 X 1830	4
GS 160	10	1750 – 2000	1065 X 2285	5
GS 240	15	2500 – 3000	1200 X 3000	7



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