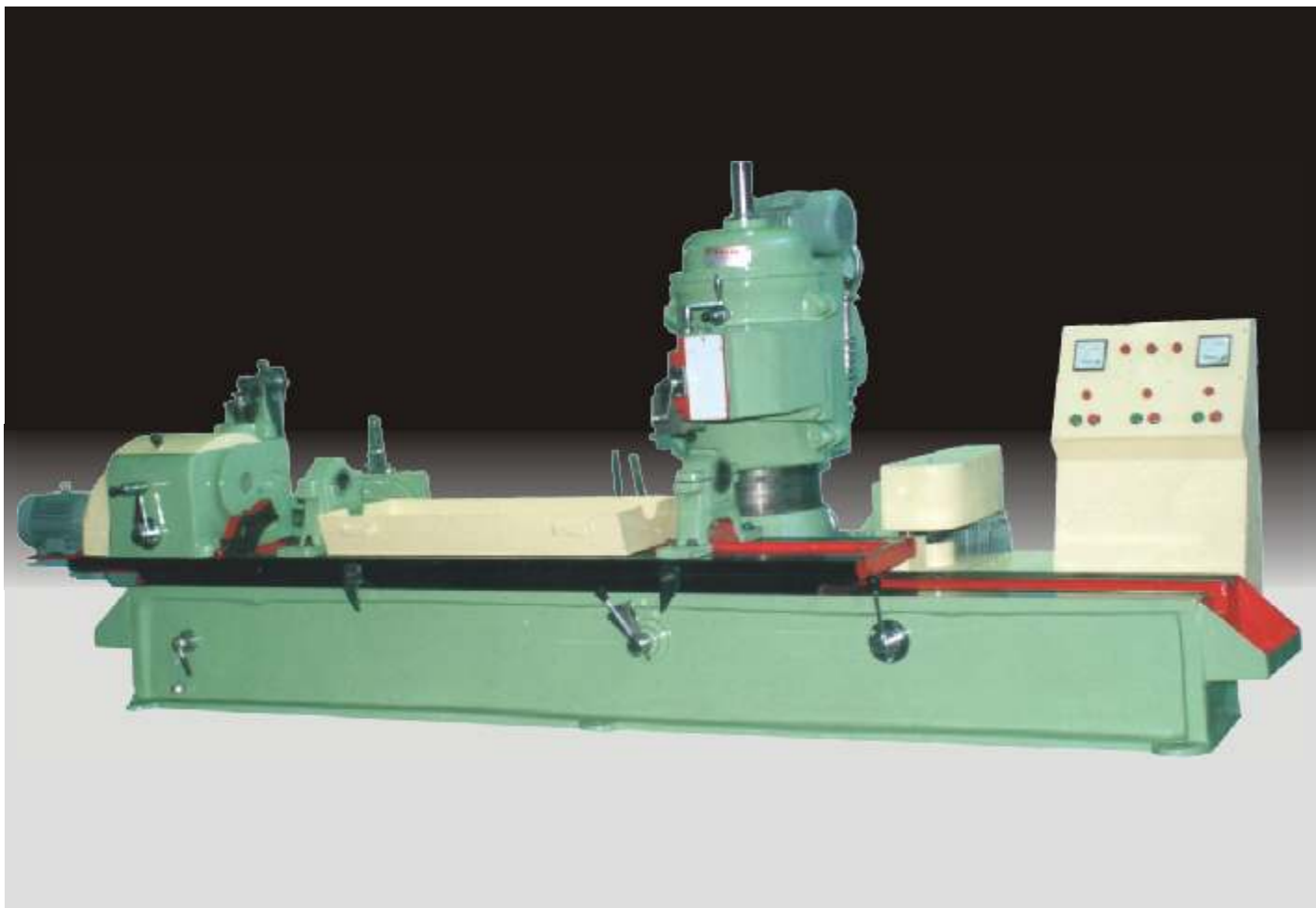




COMBINED ROLL GRINDING AND FLUTING MACHINES GF2000 SERIES



Features:

- Modern hydraulic system for optimum processing speed,
- Change from grinding to fluting position in a few minutes,
- Accurate spiral percentage settings,
- Flexibility for easy changes to number of flutes,
- Convenient operating height of grinding and fluting head,
- Reliable for continuous operation,
- Robust and compact fabrication,
- Low investment and operating costs,
- Full installation and supporting services,
- Lifetime availability of replacement parts.

APPLICATION

- For the accurate grinding and fluting of all rolls for food processing industries.

FUNCTIONING

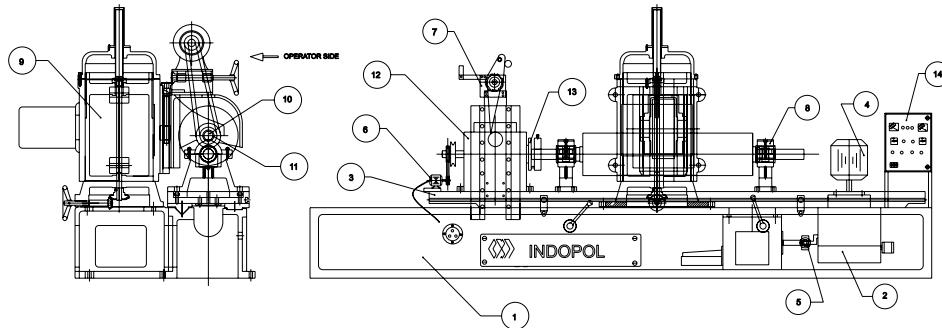
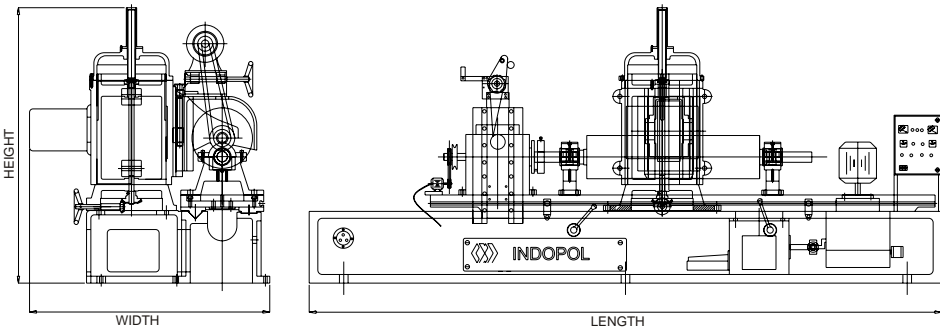
- A substantial cast iron bed forms a rigid base upon which the table travels. The machine bed is provided with a levelling device.
- The grinding and fluting head is mounted at a convenient height on a base bolted to the machine bed. The head can be easily changed from the grinding to the fluting position.
- The roll is installed in the adjustable back rest and linked to the roll drive coupling. The useful length of travel of the table is limited by the adjustable stops, which at the time automatically reverse the table.
- The cutting toll is fastened to the rigid support and is fed to the roll. Two cutting tools can be used at a time.
- The turning movement from one flute to the next is effected automatically by the carriage movement and pitching mechanism.
- Individual drives for roll, grinding wheel, hydraulic pump and coolant pump with complete electrical equipment and panel board.
- Specifically designed grinding head, spindle consists of 4 heavy duty ball bearings (2 on each side of the grinding wheel) to ensure very precise work.



TECHNICAL SPECIFICATIONS

MODEL	WORKING CHARACTERISTICS				MOTORS			WEIGHT NET (KG)	DIMENSIONS			ROLL SIZE			END USE
	FLUTING CUTTING SPEED (METRE/ MIN)	ROLL FLUTE NOS.	GRINDING WHEEL DIA (MM)	RPM	HYD. PUMP (HP)	GRINDING WHEEL (HP)	ROLL DRIVE (HP)		L (MM)	W (MM)	H (MM)	DIA (MM)	SHELL LENGTH (MM)	SPINDLE LENGTH ONE SIDE (MM)	
GF2000	2.50	150 – 1200	350	1400	3	5	2	4500	3700	1400	1800	400	1250	400	FLUTING & POLISHING
GF2006	1.75	150 – 1800	400	1400	5	5	5	5000	4500	2000	2000	600 650	1300 1500	500 500	FLUTING POLISHING

Technical design and specifications subject to change due to continuous product development.



MAJOR COMPONENTS

1. BASE TABLE
2. HYDRAULIC PUMP
3. SLIDING TABLE
4. HYDRAULIC PUMP
5. OIL PUMP
6. GEAR MOTOR FOR ENGAGE/DISENGAGE
7. SPECIAL ADJUSTOR
8. ROLL HOLDING BLOCK
9. GRINDING & GROOVING TOOL POST
10. TOOL POST L.H. BEARING
11. TOOL POST R.H. BEARING
12. GEAR BOX FOR SPIRAL ADJUSTOR
13. GEAR BOX FOR ENGAGE/DISENGAGE
14. ELECTRICAL PANEL



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ISO9001:2000 CERTIFIED

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