

HIGH PRECISION
SURFACE GRINDERS

FASHIONABLE



Delivering Quality, Value & Service
Since 1990

COLUMN TYPE
HYDRAULIC
GRINDER



IMPACT

SPECIFICATIONS

MODEL	PARAMETER	UOM	ISG-3A-1632-HD
Machining Range	Grinding length x width(max)	mm	800 X 400
	Distance between table & spindle center (Max)	mm	400
	Working surface	mm	800 X 400
Table	Max. longitudinal movement	mm	850
	Max. cross movement	mm	430
Longitudinal Movement	Max. Table Speed	m/min	20
Cross Movement	Auto cross feed at each Table reversal	mm/stroke	0.25- 6
	Manual feed rate / turn	mm	5
	Positioning accuracy & repeatability on cross	mm	0.005 mm per 100 mm
Vertical Movement	Manual feed rate / turn	mm	1
	Vertical feed graduation	mm	0.002 mm
	Positioning accuracy & repeatability on vertical axis	mm	0.003 mm per 100 mm
	Power Elevation	mm/min	100
Grinding Wheel	Diameter x thickness x bore	mm	350x40x127
	Speed	rpm	2800
Motors	Grinding spindle	KW	3.75
	Vertical up down	KW	0.37
	Cross feed	KW	0.37
	Coolant pump	KW	0.1
Hydraulic System	Working pressure	Kg/cm ²	20
	Power of Hydraulic Pump Motor	KW	1.5
	Tank Capacity	Liters	90

Features

1. The working table executes only longitudinal movements. This ensures full contact and support from the machine bed, even in the table limit position. V and flat guide-ways are laminated with Turcite B, to guarantee smooth table movement regardless of the load on the table.
2. The column carries out only cross feed movements. This guarantees uniform contact between the column slide and machine bed in any column position. The column slide is guided by V and flat Turcite B laminated ways, hand scraped to obtain smooth stick slip free movements.



Manufacturer & Exporter of NC, CNC, HYDRAULIC, AUTOMATIC AND MANUAL - HORIZONTAL & VERTICAL SURFACE GRINDERS, HEAD SURFACE GRINDER, ROTARY GRINDER and POWER PRESS.

Plot No. 14595, St.No.2, Gandhi Nagar, Dholewal, Ludhiana-141003, M: 98157-03712, 98725-07600, 77105-77109
www.impactenggcorn.com, Email : impactengg@yahoo.co.in, info@impactenggcorn.com