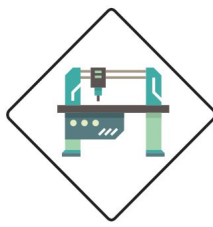


Under Crank Shearing Machine



PUS-2004

TL PATHAK GROUP Steel Body Geared and Ungearred Power operated Shearing Machine are designed for parallel sheet cutting. The machine is applicable to M.S., S.S., Copper, Brass, Aluminium, CRC, CRNGO, P.S.B., etc. cutting industries. It is also applicable to manufacturers of Electric stamping, Automobiles, Tin Drum Barrel, Control panels and Boards, Steel Furniture, Tube light Patties, Fabricators and Kitchenware items, etc.

Side Frames : Are of Steel Plates designed for maximum rigidity to eliminate deflection and to with stand continuous high speed performance at full capacity.

RAM (Upper Beam) : Is of solid steel plate and additional ribs on back side the ram adds to its strength, carrying the upper knife. Its maximum weight ensure lesser load on the bearing. The ram moves in accurate machined guide-ways, to avoid deflection for smooth running and maintains the proper strength of the upper knife.

Table : Is of closed box type steel fabricated, which forms a rigid backbone for the shear and a solid backing for the lower knife. Additional ribs, under the table adds to its strength.

Blade : Is four edged HC HCR provided for longer tool life.

Crank Shaft and Flywheel Shaft : Is of best steel, accurately machined and runs in gun metal bearing and all other installed in gun metal bearings.

Hold Down : Is of steel fabricated spring loaded ensure uniform pressure through out the cutting length without any slipping irrespective to the sheet.

Rolling Key Clutch : Made of EN-24 steel for positive engagements and continuous operation having three key way. Single rolling key system is incorporated in the machine ensuring easy and efficient working of the machine.

Drive : Is through "B" Belts on the fly wheel and other chain of job cut gears for smooth running and longer life.

Brake : Constant spring loaded adjustable brake is provided.

Back Gauge : In KSML 5-7 and KSMH 4-7 are screw drive where as in KSUG 1-4 and KSMH 1-3 are of rack pinion type designed to accuracy and easily.

Lubrication : For sufficient lubrication oil cups and oil points are provided.

SPECIFICATION

Model	Cutting Cap. In MS Length X Thickness	Stroke per minute	Table Height	Table Width	Front Gauge	Rear Gauge	Motor HP/KW	Blade Length X Width X Thick	Overall Dimension in MM (APP)		
									Length	Breadth	Height
PUS-602	610 X 2	55	700	300	600	600	2/1.5	610X63X12	1250	1000	1100
PUS-122	1270 X 2	55	750	350	600	600	2/1.5	1270X63X12	2000	1500	1200
PUS-152	1525 X 2	55	750	350	600	600	3/1.5	1525X63X12	2300	1500	1200
PUS-202	2030 X 2	55	750	400	600	600	3/2.2	2030X63X14	2700	1600	1200
PUS-254	2540 X 2	55	800	400	600	600	5/3.7	2540X63X14	3200	1600	1200
PUS-604	610 X 4	50	750	350	600	600	3/2.2	610X63X14	1300	1400	1200
PUS-1204	1270 X 4	50	800	400	600	600	5/3.7	127X63X14	2050	1500	1200
PUS-1504	1525 X 4	50	900	450	600	600	5/3.7	1525X75X18	2350	1700	1300
PUS-2004	2030 X 4	50	900	450	600	600	7.5/5.6	2030X75X18	2750	1700	1300
PUS-2504	2540 X 4	50	900	450	600	600	10/7.7	2540X75X18	3300	1800	1350
PUS-3104	3125 X 4	40	900	450	600	600	15/11.2	3125X75X18	3900	1800	1350