



# NEW TPH Inan HGM3006

Shear - Swing Beam Hydraulic

Stock No. 4515905771N

## Machine Specifications

Blade Gap Adjustment	Yes
Plate Width - Max. (mm)	3000
Main Drive Power (KW/V/Hz)	11 kw
Back Gauge	Power (1 metre) with auto lift bar
Plate Thickness (mm)	6mm
Squaring Arm	Yes
Variable Cut	Yes
Sheet Supports	Yes
Guards	photo electric rear type

Hydraulic Guillotine Shears



**General Characteristics**

- Welded one-piece steel frame using rigid structural steel
- The one-piece welded frame is machined at one time on a moving column CNC machining centre and this maintains maximum cutting accuracy
- Special MVD INAN design that double speed operation is maintained. Slow approach for maximum accuracy
- Hydraulic cylinders are machined from a solid steel billet and honed afterwards.
- Pistons are steel forgings, precision ground and nitro-poled for years of trouble-free service.
- Hydraulic cylinders in series connection and easily serviceable.
- World brand low-maintenance hydraulic block with pressure relief valves
- Side frame construction with thrust allowing continuous slitting of strips up to 250 mm width
- Powerful backgauge cylinder to avoid the sheet sliding during cutting
- Backgauge bar which swings with the top beam to prevent material from jamming
- Automatic swing-up feature of backgauge after 1000mm to feed longer sheets easily



Rear panels with light guarding

**Standard Equipment (for HGM and HAGM)**

- Fast and powerful motorised backgauge with 1000mm length moving by ball-screwed shafts
- Digital (Hart) position controller (cut length, cut width, cut number, program no control)
- Blade gap adjustment for a good, square, burr-free cut and for increased blade life, the blade gap must be adjusted to suit blade thickness, adjustment is made fast and simple with the single arm and its graduated trackings
- Cutting length can be adjusted from the control panel, so that the blade does not need to complete the entire cycle. This feature saves time and gives greater number of strokes per minute
- Roller bearings on the table to help feeding sheets to the machine easily
- Three T-shaped front support arms with roller and flip over stops
- Foot pedal control cutting operation
- Movable lower blade support for accurate blade gap adjustment for the long term
- Finger guard through the table, side and rear guards
- Complete electrical switch board and control panel for 400 V AC 3 phase and 50 Hz
- Oil tank level indicator
- Operator's manual
- CE conformity including our light beams



Backgauge system



Blade gap adjustment



**TECHNICAL SPECIFICATIONS**

	3000	3000	3020	3020	3040	3040	3060	3060	3080	3080	3100	3100	3120	3120	3140	3140	3160	3160	3180	3180
Cutting Capacity	4	8	12	12	14	16	16	18	18	20	22	24	24	26	26	28	28	30	30	32
Cutting Length	3000	3000	3020	3020	3040	3040	3060	3060	3080	3080	3100	3100	3120	3120	3140	3140	3160	3160	3180	3180
Sheeting Angle	1.5	1.5	2	2	2.25	2.25	2.5	2.5	2.75	2.75	3	3	3.25	3.25	3.5	3.5	3.75	3.75	4	4
Maximum Stroke	12	12	14	14	14	14	16	16	16	16	18	18	18	18	20	20	20	22	22	22
Stroke Per Minute	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20
Distance Between Columns	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Table Height	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Table Width	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Sheet Depth	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Over All Length (*)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Over All Height	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Over All Width	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Oil Tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sheet Feeder	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Approx Weight	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

\* Special loads hollow on the standard cut per meter      \* Technical specifications are subject to change without notice