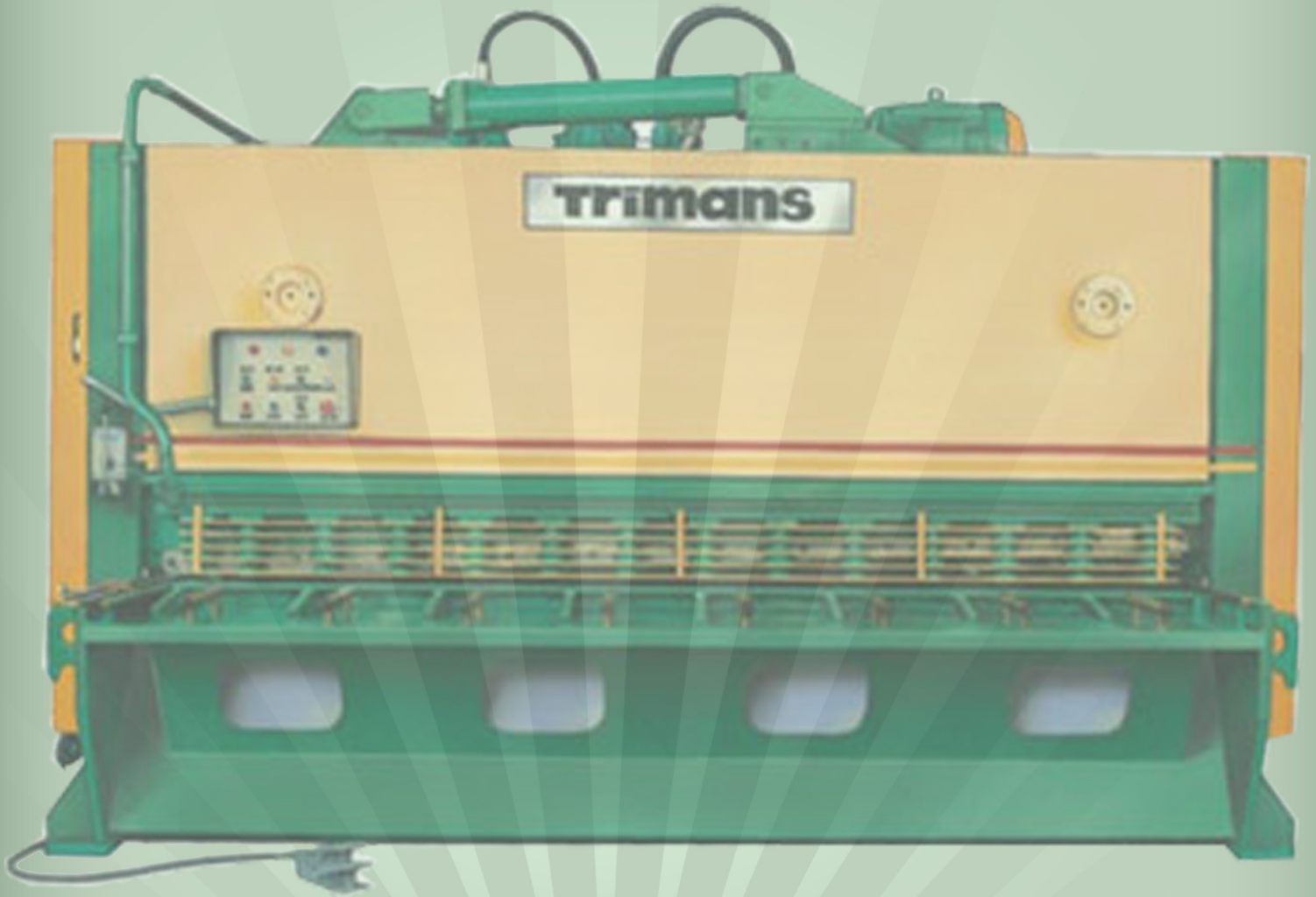


Trimans®



EXTRA EDGE HYDRAULIC SHEAR

TRIMANS 'EXTRA EDGE' Hydraulic Shear is a versatile alternate to the conventional overcrank shear. The rigid welded steel structure is designed to withstand heavy shocks of overloads and to perform for a longer period. The cutting ram is powered by a single Hydraulic Cylinder which eliminates complications of Hydraulic synchronisation, resulting in high efficiency, fast and noiseless cuts.



NuGEN®
Machineries Ltd.
Innovative > Perfection > Reliability

Technical Specification for Extra Edge Hydraulic Shears

| MODEL EE | | 2030 | 2040 | 2530 | 2540 | 3230 | 3240 | |
|--|--------|-------|-------|-------|-------|-------|-------|------|
| Cutting Capacity at Nominal Rake Angle (MS-UTS 45Kg/mm ²) | MM | 20 | 20 | 25 | 25 | 32 | 32 | |
| Cutting Length | MM | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | |
| Rake Angle | Deg. | 1-3 | 1-3 | 1-3 | 1-3 | 1-3.5 | 1-3.5 | |
| Strokes / Minute | Nos. | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | |
| Hold Downs | Unit | 15 | 18 | 15 | 18 | 15 | 18 | |
| Back Gauge Range | MM | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| Main Motor | KW | 30 | 30 | 37.5 | 37.5 | 56.25 | 56.25 | |
| | HP | 40 | 40 | 50 | 50 | 75 | 75 | |
| Overall Dimensions (Approx) | Length | MM | 4000 | 5100 | 4300 | 5300 | 4500 | 5500 |
| | Width | MM | 2800 | 2800 | 3200 | 3200 | 3200 | 3200 |
| | Height | MM | 2500 | 2500 | 2600 | 2600 | 3000 | 3000 |
| Weight (Approx) | KG. | 17500 | 27000 | 25000 | 33000 | 42000 | 50000 | |

• Salient Features :

- The blade movement is powered by a relatively small, single hydraulic cylinder driving a pair of “bell cranks” arms. The mechanical advantage gained by this system provides all the force necessary for full shearing capacity.
- Rake Angle adjustment by push button gives twist free shearing.
- Easy and fast motorized blade gap setting arrangement by push button.
- Guides are located on outside the frames to provide accurate guidance to cutting beam. This allows visual inspection of the guides for wear without dismantling the ram.
- Built in hydraulic overload protects the machine and the blades against damage due to misuse or overload.
- Hydraulic hold downs provide positive gripping of plates while shearing of narrow.
- Both top and bottom blades have four usable edges and rare interchangeable.

Standard Accessories

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|--|
| • Main Drive motor. |
| • Electrical control panel mounted on side frame. |
| • Foot switch. |
| • Operational console mounted on front side. |
| • Motorized Back Gauge with DRO - Range 1000mm |
| • Fine stroke adjustment rod with limit switches. |
| • Motorized blade clearance arrangement with calibration. |
| • Hold-down cylinders (mounted on machine). |
| • Left Squaring Arm with Steel Rule - 1000mm. |
| • Four Edge HcSr Blade mounted on the Machine (not covered under warranty – subject to wear & tear). |
| • Motorized variable rake angle system. |
| • Hardened transfer bar mounted on table. |
| • Comprehensive Instruction and Maintenance Manual. |

Optional Accessories

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|--|
| • Nc Back Gauge. |
| • Additional Squaring Arm on Right hand side of the machine. |
| • Extra Long front support with adjustable screw jacks. |
| • Ball transfers on the Table. |
| • Universal Protractor Gauge. |
| • Additional Cutting Blade Set |
| • CE Safety Fixures and Certification. |
| • CNC Shear |
| • Extra Long Back Gauge Systems. |