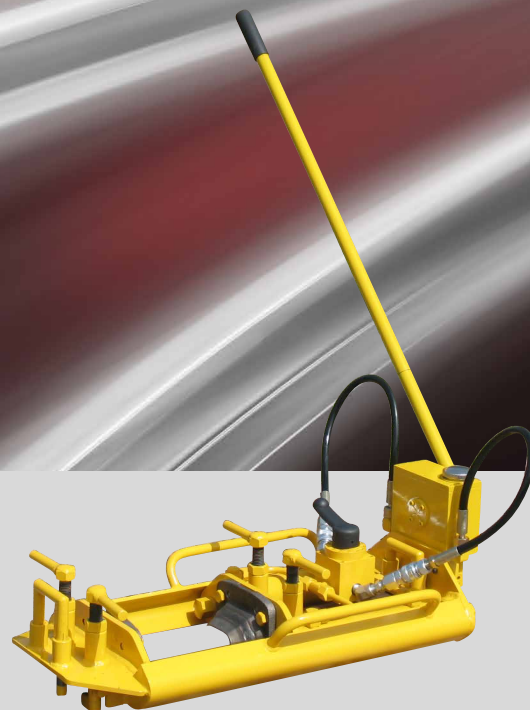




## RAIL SHEARS

ULTRA-LIGHTWEIGHT WELD SHEARS  
FOR A RANGE OF RAIL TYPES AND SIZES



- » Lightweight shears with a range of shear blade types
- » Shear fitted with two interchangeable shearing blades
- » Choice of hydraulic hand pump or powered units in a lightweight aluminium case
- » Hand pump equipped with twin piston hydraulic cylinders
- » Shear blades constructed from wear and heat resistant steel
- » Hydraulic operation available with a range of power packs, connected to shear via hoses to a 4/3 way valve and bayonet type fittings
- » Extensive range available including U, U-L, U-LW, U-M, U-ML and U-L4 (see over)
- » Shears can be used for all Thermit® welding processes including Wide Gap (75mm), Head Repair, Step Welds and Crane Rail

### BENEFITS

- » Range of power packs available including 4-stroke, electric and pneumatic motors guaranteeing flexibility and ease of use depending on working conditions
- » Lightweight shear blades ensures overall weight is not compromised and ease of use is maximised
- » Stroke range from 120-150mm ensures all Thermit® welding processes are covered including Wide Gap (75mm), Head Repair, Step Welds, Crane Rail and Thermit® welds combining fishplate hole (LSV)
- » Shears are available from 120 kN to 200 kN compression force covering all Thermit® welds in crane, grooved and flat bottom rail
- » Compact dimensions and lightweight (from 23.5kg) allow shears to be operated with minimal OH&S concerns and reduced LTI
- » Depending on blade type, shearing action will trim either rail head or rail head and risers on foot of rail
- » Technical Support delivered by Thermit® Australia

RAIL JOINING

RAIL SERVICES

MEASUREMENT

TOOLS & MACHINES

EQUIPMENT

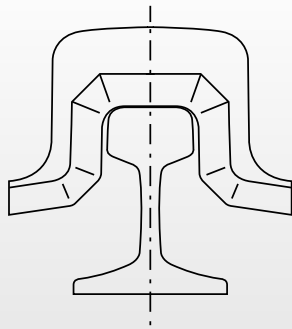
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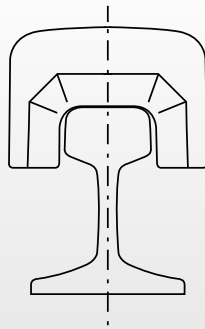
**GOLDSCHMIDT**  
THERMIT GROUP

## RAIL SHEARS HYDRAULIC OR MECHANICALLY OPERATED SYSTEMS OVERVIEW

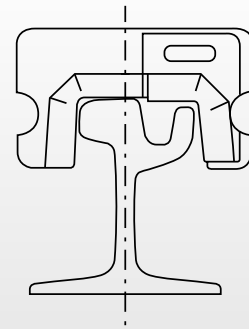
Specifications					
Type	Compression force [kN]	Max stroke [mm]	Weight [kg]	Shear blade type	Wide Gap [75mm]
U	200	120	28.2	A	-
U-L	200	150	29.5	A	+
U-LW	200	150	35.5	A	+
U-M	120	120	23.5	B	-
U-ML	120	150	24.5	B	+
U-L4	200	150	30.0	1	+



Type A  
Weight per pair 8.0kg



Type B  
Weight per pair 4.5kg



Type C  
Weight per pair 7.5kg



RAIL JOINING

RAIL SERVICES

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MEMBER OF  **GOLDSCHMIDT**  
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