

LIV 15



BOSS ATTACHMENTS AND O.S.A DEMOLITION EQUIPMENT RAISING THE BAR IN FORESTRY APPLICATIONS.

In a joint venture initiative between Roberto Sollustio of O.S.A Demolition Equipment Italy and Livio Pace of Boss Attachments Australia, the humble tree shear has been re developed from the ground up with some of the world's most technologically advanced engineering techniques to bring you a tree shear that truly stands out from the pack. These tree shears have been developed using the same basic principles and characteristics of the O.S.A Demolition Steel Shears to bring you a tree shear that is aggressive yet agile with an unmatched performance factor.

For over 10 years O.S.A has been a leader in the field of demolition with expertise, experience and innovation. The O.S.A/BOSS LIV Series of tree shear have been designed and tested in Australia, built in the O.S.A Headquarters, Molfetta, Italy.

We had the privilege to go behind the scenes to witness the first tests ever, on this truly remarkable and revolutionary piece of equipment. We were totally amazed when we saw the "LIV15" cut straight through a piece of Australian hard wood that was 530mm in diameter in one clean swoop without stalling.

We asked Livio what motivated him to develop the LIV series of tree shear.

Over the past few years we had been contracted by several clients to rebuild or repair their existing tree shears. We noticed a similarity in the constant failures with these tree shears, regardless of brand. These

failures were either, bent blade bodies or severe cracking to the main structure around the centre pin assembly. The contributing factors of these failures are design or operator miss-use. We found that a majority of operators would use the shear to not only shear product, but to also manoeuvre, pick and place large pieces of timber, an operation that the tree shear was never intended to perform. When an operator performs this practice the shear head is subjected to extreme side movement and twisting forces, straining the shear structure beyond its limits.

We saw that with our in-depth, hands on knowledge in forestry applications and the impeccable reputation of O.S.A Italy for the design and construction of world class demolition equipment, that we could manufacture a tree shear that would be lighter, stronger, with quicker cutting cycles to outperform any other tree shear on the market.

Our first challenge we had to address were the issues with the cutting blade and head; we noticed that most of the shears either had a curved or angled blades so as to direct the tree to the rear of the jaw where the shear has the most powerful cutting forces. Angled or curved blades have proven to be inefficient so we opted to run a straight blade with a replaceable cutting edge. We then took the main body of the O.S.A Demolition Steel Shear and with close technical support from the HARDOX Factory; we modified the structure to adapt the tree shear head. We then kitted up the tree shear with O.S.A's innovative PRV and hydraulic system from a steel

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WHAT'S HOT





shear. From there the LIV15 & LIV20 tree shear was born.

The O.S.A/BOSS LIV Series Hydraulic Tree Shears are designed to perform at their best in extreme forestry applications. When it's time to tackle Australian Hard Woods, the LIV Series come into play. Forward-thinking design and high-quality metallic components deliver a superior level of cutting force with acceptable weights for these shears.

Key Features:

- Suitable for excavators from 13-45 Ton.
- Jaw opening of 790mm to 1000mm.
- Cutting and splitting forces that are unmatched by any other shear on the market.
- Constructed entirely with HARDOX and WELDOX for superior strength and wear characteristics each unit carries the HARDOX seal of approval.
- Replaceable Cutting Blade.
- Piecing tips for optimum performance in log splitting applications.
- Fully protected O.S.A cylinder.
- O.S.A innovative "PRV" (Pressure Relief Valve) to protect the shear from high pressure.
- Manufactured in Italy to world class standards.
- 12 month factory warranty.
- BOSS ATTACHMENTS & O.S.A 24 hour customer support.

The LIV Series of tree shear is a must have for any serious contender in the forestry industry. For more information call the boys at BOSS ATTACHMENTS 1300 116 661