

FORESTRY TREE SHEARS

THE PRODEM RANGE OF FORESTRY TREE SHEARS MAKES FELLING TREES OR MAINTAINING OVERGROWN SHRUBS AND BUSHES FAST AND EFFICIENT WITH A CLEAN CUT.

Ideal for use by forestry and environmental contractors as well as any construction company or contractor doing land clearance or roadside maintenance. They are particularly useful in hard to reach areas with restricted or difficult access such as roadsides, riverbanks, steep slopes, orchards or rail sidings.

The PTS Forestry Tree Shear allows the excavator operator to take hold of the tree securely, whilst the blade simultaneously cuts the tree to the desired height in a controlled manner. The tree remains secure in the jaws and can be safely moved for stacking or processing.

FEATURES AND BENEFITS OF PRODEM TREE SHEARS

- » Manufactured entirely in HARDOX
- » Heavy duty and replaceable cutting blades
- » Hydraulically driven accumulator arms and cutting blade
- » Optional central accumulator arm to enable multiple cuts
- » 360° rotation available on most models
- » 150-500mm diameter cutting capability
- » Accumulator arms ensure site safety – gives certainty about the fall point
- » Raised rotation mounting position gives stability and balance whilst in operation
- » Low blade positioning gives regular & consistent cutting pattern
- » Large material exit area to avoid blockages
- » Easy access for inspection
- » Eliminates Hand Arm Vibration issues associated with chainsaws

RAISED
ROTATION
MOUNTING

HYDRAULIC
ROTATION
MOTOR

EASY INSPECTION
ACCESS

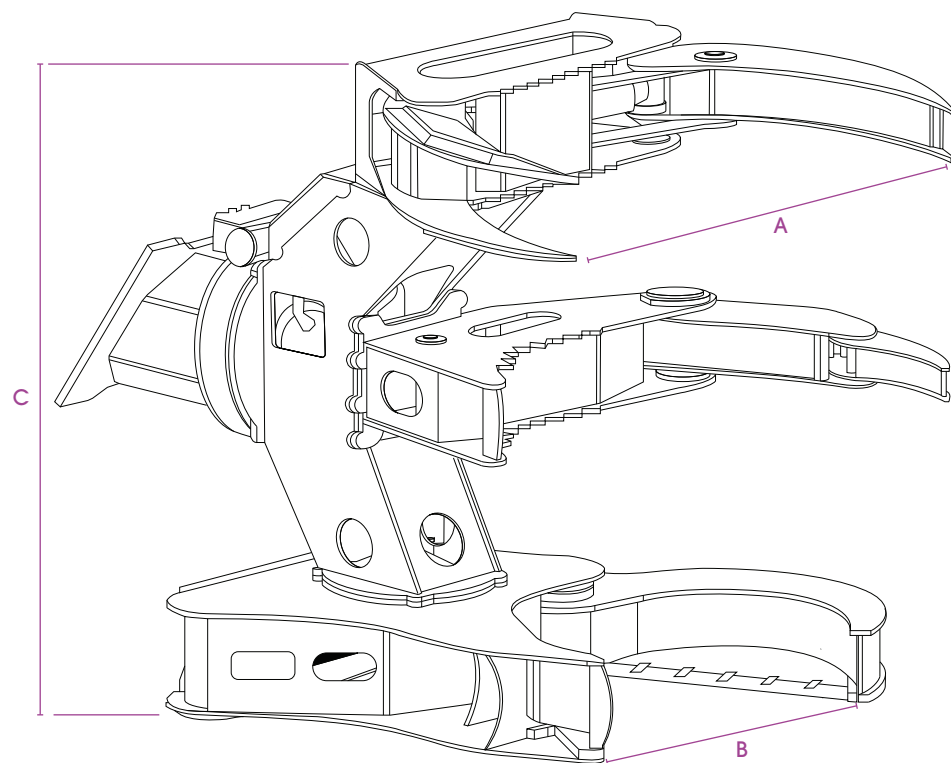
HYDRAULICALLY
OPERATED
ACCUMULATION
ARMS

LOW POSITIONED
BLADES AND
SERRATED FIXED
JAW

OPTIONAL CENTRAL
ACCUMULATION ARM
– SELECTED MODELS

HYDRAULICALLY
DRIVEN CUTTING JAW
AND REPLACEABLE
CUTTING BLADE

TECHNICAL SPECIFICATION



Model Number	Excavator Weight Class (t)	Working Weight (kg)	Jaw Max Opening (mm)	Height C (mm)	Accumulator Arm Max Opening (mm)	Tip Cutting Force Y (t)	Max Pressure Main Line (cylinders - bar)	Flow Main Line (l/min)	Max Swing Pressure (bar)	Max Swing Flow (l/min)	Max Clamping Load (kg)	Max Cutting Diameter (at trunk - mm)
PTS 050	4.5-7	340	900	590	895	11	220	50/60	-	-	300	150
PTS 060R	5.5-9	430	900	615	895	11	220	50/60	175	20	300	150
PTS 100R	10-13	605	450	1200	850	16	250	60/80	175	20	400	250
PTS 150R	12-18	1200	650	1530	1150	37	300	80/100	175	40	500	350
PTS 200R	16-24	1850	780	1840	1260	45	300	130/150	175	40	900	450
PTS 250R	21-35	2060	850	1850	1500	51	300	150/180	175	40	1000	500

*Non-rotating version of models PTS060R and up are also available