

# DEDICATED SHEARS

**FEATURING THE LATEST IN BLADE DESIGN THE PRODEM RANGE OF HYDRAULIC DEDICATED SHEARS WILL CUT THROUGH STEEL LIKE BUTTER, WHETHER ON A DEMOLITION SITE OR IN A RECYCLING YARD.**

## **BENEFITS OF PRODEM DEDICATED SHEARS**

- » **JAW PROTECTION SYSTEM**  
Weld on upper jaw protection reduces maintenance and build-up on upper jaw.
- » **BOLT-ON PIERCING TIP AND BLADES**  
The blade design reduces stress and wear on the upper jaw. Every blade can be turned up to 4 times on different sides and are easy to replace.
- » **INNOVATIVE SPEED VALVE**  
Reduces cycle times, regenerates power when needed and protects the shear, eliminates internal oil pressure peaks.
- » **DUAL UPPER JAW GUIDES**  
Assures perfect alignment every time. Guides on either side of upper jaw increase cutting power, efficiency and production.
- » **FIXED JAW DESIGN**  
With increased cut performance, the cut materials can easily exit.
- » **360 DEGREE ROTATION**  
Anti-cavitation valve and continuous 360 degree rotation allows perfect positioning of the shears.
- » **FULLY PROTECTED, HIGH POWER CYLINDER**  
With bolt on access panels for ease of service

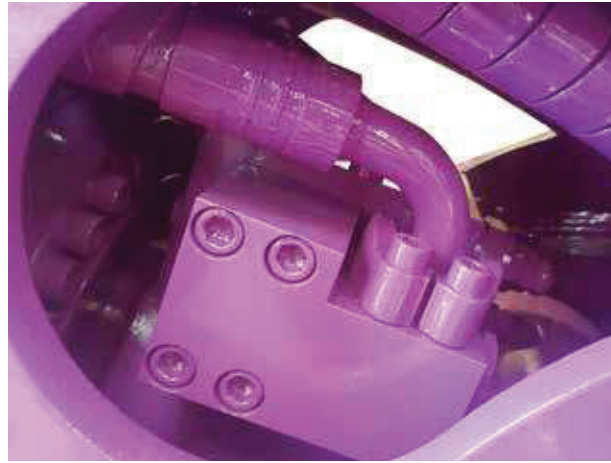
SPEED VALVE  
REDUCES  
CYCLE TIMES

CYLINDERS  
INCREASE  
POWER BY 20%

REPLACEMENT JAW  
PROTECTION PLATE



**BOLT ON PIERCING TIP**



**SPEED VALVE REDUCES CYCLE TIME**



**REPLACEABLE JAW PROTECTION**

**TECHNICAL SPECIFICATION**

Model	Working Weight (kg)	Dipper Mounted (t)*	Boom Mounted (t)*	Max Jaws Opening (mm)	Total Length (mm)	Jaws Depth (mm)	Rotation Oil Flow (l/m)	Rotation Pressure (bar)	Min Flow Open / Close (l/m)	Max Flow Open / Close (l/m)	Open/Close Pressure (bar)
PDS030R	300	3.5-5.5	1.5-3.5	265	1330	230	5	120	80	100	250
PDS050R	465	4.5-9	2.5-4.5	340	1725	320	10	120	80	150	280
PDS070R	880	7-14	3.5-8	405	2180	370	10	140	100	150	340
PDS120R	1180	11-20	6-12	475	2300	385	10	140	150	250	340
PDS200R	2050	17-25	9-18	535	2660	445	10	140	180	250	340
PDS250R	2650	22-32	15-22	570	2950	505	10	140	200	300	340
PDS300R	3000	29-41	19-27	615	3130	545	10	140	200	300	340
PDS400R	4030	39-53	24-32	660	3420	610	10	140	300	400	340
PDS500R	4800	48-63	29-38	725	3660	675	10	140	350	450	340
PDS550R	6200	58-73	33-43	780	3905	690	30	140	400	500	340
PDS700R	7900	73-105	43-60	845	4190	710	30	140	450	600	340
PDS900R	10300	105-165	60-100	920	4400	780	50	140	500	800	340
PDS1600R	16700	125-225	80-150	1100	5440	1080	50	250	800	1000	340
PDS2000R	19500	180-310	125-210	1180	5580	1130	50	140	900	1200	340

\*Refers to Excavator Weight Class (t)