

PULLING & LIFTING MACHINE

Series: RDSO & ISI

CAPACITY: 0.8 TO 5 TONNES

APPROVED



RDSO

Research Design & Standard Organisation



SALIENT FEATURES

- **Casing** : Pressed steel / Graded Aluminium
- **Jaw** : Made of Alloy Steel duly Heat Treated
- **Hooks** : Forged alloy steel
- **Shackles** : Alloy Steel
- **Wire rope**: Super Flex Galvanized Steel Core as per IS:2266

**SAFETY FACTOR
5 TIMES**

TECHNICAL SPECIFICATION

**PROOF LOAD TEST
2 TIMES OF SWL**

MODEL		KPLRDSO08	KPLRDSO16	KPLRDSO32	KPLBIS20	KPLBIS50
Dimensions (mm)		515 X 195 X 110	600 X 235 X 13	700 X 400 X 140	600 X 235 X 150	810 X 465 X 190
CAPACITY (S.W.L)	Lifting	0.8 Tonnes	1.6 Tonnes	3.2 Tonnes	2.0 Tonnes	5.0 Tonnes
	Pulling	1.25 Tonnes	2.6 Tonnes	5.2 Tonnes	3.0 Tonnes	8.0 Tonnes
Velocity of wire rope		45 ± 5mm / Stroke	45 ± 5mm / Stroke	25 ± 5mm / Stroke	50 ± 5mm / Stroke	30 ± 5mm / Stroke
Effort (approx.)		25 kgf	35 kgf	45 kgf	35 kgf	50 kgf
Telescopic Handle Length		530/780 mm	760/1170 mm	800/1210 mm	760/1170 mm	800/1210 mm
Rope Dia / Type		8 mm / 6x19 SC	11.3 mm / 6x19 SC	16 mm / 6x36 SC	12 mm / 6x19 SC	20 mm / 6x36 SC
Rope Length with Fitting		10m/D-Shackle	20m/Hook	10m/D-Shackle	20m/Hook	10m/D-Shackle
Back Slippage of Wire Rope		10% of Total Lift/stroke	10% of Total Lift/stroke	15% of Total Lift/stroke	10% of Total Lift/stroke	15% of Total Lift/stroke
Weight (Approx)***		8.0 kg	18.0 kg	30.0 kg	19.0 kg	47.0 kg

*** Without operating Handle, Wire Rope, Eye-Hook/ D-Shackle***