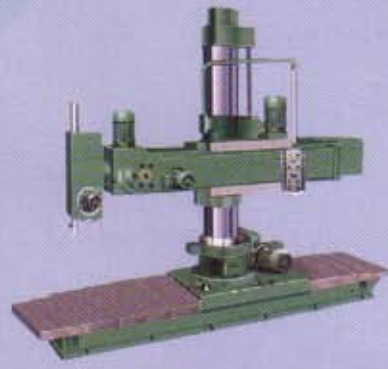


## Special Type Radial Drilling Machines



Universal Radial Drilling Machine Model SRD - 40AS



Travelling Type Universal Radial Drilling Machine Model SRD - 50AS



Travelling Type Radial Drilling Machine Model SRD - 100AS / 125AS

### Main Technical specifications

Model	Units	SRD - 40AS	SRD - 50ZAS	SRD - 100AS	SRD - 125AS
Max. drilling diameter	mm	40	50	100	125
Distance between spindle axis and column	Max mm	1600	1600	3150	4000
	Min mm	850	850	570	600
Distance spindle nose and working surface of base plate	Max mm	-	-	3105	3455
	Min mm	-	-	1355	1645
Spindle travel	mm	315	315	500	560
Spindle taper	No	4#	5#	6#	Metrie80
Range of spindle speeds	r/min	16-1250	16-1250	8-1000	6.3- 800
Number of spindle speeds	-	16	16	22	22
Range of spindle speeds	mm/r	0.06-1	0.06-1	0.06-3.2	0.06-3.2
Number of spindle speeds	-	9	9	16	16
Table size	mm	-	-	-	-
Travel of spindle head	mm	750	750	2580	3400
Power of main motor	kw	3	4	15	18.5
Vertical travel of quill on column	mm	900	900	-	-
Tilting angle of spindle head	-	±90°	±90°	-	-
Distance of saddle travel	mm	-	2000	4000	12000
Net weight	kg	4500	7200	22000	50000
Overall dimensions (L x W x H)	mm	3058 x 1240 x 2713	4.50 x 1710 x 3143	7160 x 1540 x 4780	16900 x 2200 x 5285

### Unmatched Production Quality With Worldclass Facility



Luga Radial customer list includes

- Hyundai Motor
- Hyundai Mobis
- LMV Technologie
- India Cements
- Assomac Machines
- and many more...

VIBRANT MACHINES for VIBRANT INDIA



Installations all over India - Machines running since last 3 years.

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For Service Support

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Chennai-Ambattur: 371, SIDCO Industrial Estate, North Phase (Opp. Godrej Gate No.2) Chennai-98. Tel: 044-2635 0060 / 61 Fax: 2635 0062  
Bangalore-Trident: D-1, Unity Bldg, J.C Road, Bangalore -2. Tel: 080-41240240/22223765 Fax: 080-22278740 Mob: 9900594366 / 9845529572  
Pune: Heera Plaza, J 42/43, Indrani Nagar Road, (Opp. Siemens Cotmac), MIDC, Bhosari, Pune-26. Tel: 020-2712 2419 Mob: 99225 33388  
Mumbai: 241, Princess Street, 1<sup>st</sup> floor, Chandra Mahal, Mumbai-2. Tel: 022-6418 7607 / 3297 4941 Fax: 022-22035541 Mob : 98673 59270



# LUGA

RADIAL DRILLING  
HEAVY DUTY & RUGGED



WORLD CLASS





## Radial Drilling Machines

### Features

- Advantageous digital readout, accurate orientation convenient operations.
- Uses mechanical-electrical-hydraulic function.
- With wide range of speed and feed, with manual, power and fine feeds. The feed of machines are very easily engaged and disengaged at any time.
- All controls centralized on the head stock easy operation and change. Clamping for assemblies and speed change of spindle achieve by hydraulic power.
- Main parts are made by machine center which import form KIA with high precision and efficiency, ensuring reliability and high quality.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

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- Integrating technology for casting parts is excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.

### Features

- With safe and reliable feed safely machine, all parts easy operation and change.
- All controls centralized on the head stock easy operation and change.
- KIA with high precision and efficiency, ensuring reliability and high quality.
- Integrating technology for casting parts in excellent, adopting casting equipment, ensuring high quality of material for basic parts.
- Spindle parts are made by special high quality steel heat treatment to be made by first class equipments, ensuring high strength and durability.
- Main gears are machined by gear grinding, the machine ensuring high precision and low noise.
- The machine with small appearance and much function, the machine widely used for drilling, counterboring, tapping, etc.



RD - 50WD

Digital model with inbuilt DRO



RD - 50W



RD - 40W / WE

### Main Technical specifications

Model	Units	RD-25W	RD-32W	RD-40W	RD-40WE	RD-50W/WD	RD-50WE/WDE
Max Drilling capacity	(mm)	20	32	40	40	50	50
Distance spindle axis to column generating time	(mm)	300 - 700	320- 820	320- 820	320- 1020	350- 1600	350- 2000
Diameter of column	(mm)	150	200	200	200	350	350
Spindle taper		MT3	MT4	MT4	MT4	MT5	MT5
Spindle travel	(mm)	150	240	240	240	315	315
Spindle speeds range	(r/min)	100 - 1660	75- 1220	75- 1220	75- 1220	25- 2000	25- 2000
Spindle speeds series		8	6	6	6	16	16
Range of Spindle feeds	(mm/r)	0.08, 0.14, 0.23	0.1 - 0.25	0.1 - 0.25	0.1 - 0.25	0.04 - 3.2	0.04 - 3.2
Spindle feeds		3	3	3	3	16	16
Max Distance spindle noise to working surface base	(mm)	275 - 680	320- 900	320- 900	320- 900	320- 1220	320- 1220
Diameter of worktable	(mm)	250 X 250 X 250	400 X 400 X 350	400 X 400 X 350	400 X 400 X 350	630 X 500 X 500	630 X 500 X 500
Dimension of base	(mm)	1200 x 625 x 155	1370 X 700 X 160	1370 X 700 X 160	1370 X 700 X 160	2400 X 1000 X 200	2400 X 1000 X 200
Overall Size	(mm)	1235 x 625 x 1230	1407 X 720 X 1885	1407 X 720 X 1885	1600 X 720 X 1885	2500 X 1060 X 2650	2500 X 1060 X 2650
Power of Main motor	(kw)	0.75 / 1.1	1.5	1.5	1.5	4	4
G.W/N.W	(kg)	475 / 380, 675 / 580	1425 / 1200	1425 / 1200	1450 / 1230	4300 X 3500	4350 X 3550
Packing dimension	(cm)	123 x 62 x 134	155 X 77 x 210	155 X 77 x 210	175 X 77 x 210	280 X 133 x 302	320X 133 x 302

## Larger Sizes Radial Drilling Machines

### Features

- Main and key components are made with high strength castings and alloy steel. Heat treatment using world-class equipment ultra modern techniques ensures durability.
- The machines are made by specialized equipment to ensure basic parts with superior quality.
- Clamping and speed changes are achieved by hydraulics that is very reliable.
- 16 variable speeds and feeds enables economic and high efficiency cutting.
- Mechanical and electrical controls are centralized on the headstock for fast and easy operation.
- New painting technology and improved outward appearance reflects the specialty of the machines.



Each machine undergoes quality tests and through inspection process

### Standard & Optional Accessories for all Radial Drilling Machines

#### Standard Accessories

- Complete Electricals
- Coolant System
- Machine Lamp
- Tool Box
- Taper sleeve
- Tool releasing Wrench Drift
- Eyelet bolts
- Insulation Manual

#### Optional Accessories

- Tapping Chuck Sets
- Cross Tables
- Tilting Tables
- Table Vices
- Large Size box Tables

### Main Technical specifications

Model	Units	RD - 63S	RD - 80S	RD - 100S	RD - 125S
Max. drilling diameter	mm	63	80	100	125
Distance between spindle axis and column	Max	2000	2500	3150	4000
	Min	450	500	570	600
Distance spindle nose and working surface of base plate	Max	1600	2000	2500	2500
	Min	400	550	750	750
Spindle travel	mm	400	450	500	560
Spindle taper	No	5#	6#	6#	Metrie80
Range of spindle speeds	r/min	20-1600	16-1250	8-1000	6.3-800
Number of spindle speeds	-	16	16	22	22
Range of spindle speeds	mm/r	0.04-3.2	0.04-3.2	0.06-3.2	0.06-3.2
Number of spindle speeds	-	16	16	16	16
Table size	mm	630 x 800	800 x 1000	800 x 1250	800 x 1250
Travel of spindle head	mm	1550	2000	2580	3400
Power of main motor	kw	5.5	7.5	15	18.5
Net weight	kg	7000	11000	20000	28500
Overall dimensions (L x W x H)	mm	3080 x 1250 x 3291	3730 x 1400 x 4025	4780 x 1630 x 4600	5910 x 2000 x 5120