

PISTON-O RING ASSEMBLY

Se.No	Component	Raw Material	Type	Specifications	Weight	Number	Rate	Lathe	Shaping	Milling	Drilling	Grinding	Cutting & Bending	Welding	
1	Top plate	Rect plate	MS	8"x8"x3/4"		7	1	490		750	1500			50	
2	Base plate	Rect plate	MS	8"x16"x1"		17	2	2380		2500	3000	350		100	
3	Post	Round Rod	MS	1" OD, 375mm Length		1.5	4	420	1000					25	
4	Slider	Round Rod	OHNS	4.5" OD, 6" Length		13	1	1300	1500					25	
5	Pusher 76	Round Rod	OHNS	3.5" OD, 2.5" Length		3.5	1	350	650			250			
6	Pusher 79	Round Rod	OHNS	3.5" OD, 3" Length		4	1	400	750			300		100	
7	Pusher 93.5	Round Rod	OHNS	4" OD, 4" Length		5	1	500	1000			350			
8	Fixture 76	Round Rod	MS	4.5" OD, 3" Length		4	1	280	750						
9	Fixture 79	Round Rod	MS	4" OD, 1" Length		2	1	140	350					100	
10	Fixture 93.5	Round Rod	MS	4.5" OD, 2" Length		4.5	1	315	500						
11	Base fixture	Round Rod	MS	5" OD, 1" Length		6	1	420	500		100				
12	Piston Stand	Round Rod	MS	5" OD, 4" ID 4" Length		4	1	280	250						
13	Base-Piston	Sheet Metal	MS	2ftx2ft,16 Gauge		6	1	420					1000	200	
14	O ring Holder	Sheet Metal	MS	2ftx2ft,16 Gauge		6	6	2520	4500				3000		
15	O ring stand	Round plate	MS	4" OD, 10mm Thick		1	2	140	500					200	
		Round Rod	MS	15mm OD, 1ft Length		2	1	140	500						
16	Slider base	Sheet Metal	MS	2ftx2ft,16 Gauge		6	1	420					1000	200	
	Slider stand	Round Rod	MS	15mm OD, 4ft Length		8	1	560	1000	1000					
17	End Plate	Rect plate	MS	250mmx100mmx10mm		5	1	350	500				200		
18	Tool-O Ring	Round Rod	MS	100mm OD, 180mm Length		11	3	2310	2250					600	
19	Fasteners			1/2" OD, 2" Length			15	250							
				M10, 2" Length			4	100							
								14485	16500	4250	4600		1250	5600	1200

47885

Raw materials	14135
Labour	33400
Fasteners	350
Finishing	2000
Transportation	500
Total	50385

PISTON-CYLINDER ASSEMBLY

Se.No	Component	Raw Material	Type	Specifications	Weight	Number	Rate	Lathe	Shaping	Milling	Drilling	Grinding	Cutting & Bending	Welding
1	Top plate	Rect plate	MS	10"x10"x3/4"		10	1	700		850	1500			50
2	Base plate	Rect plate	MS	10"x20"x1"		25	2	3500		2500	3000	350		100
3	Post	Round Rod	MS	1.25" OD, 450mm Length		3.5	4	980	1000					25
4	Slider	Round Rod	OHNS	3" OD, 2.5" Length		3	1	300	600					25
5	Cyl Pusher 76	Round Rod	OHNS	4" OD, 2.5" Length		4.5	1	450	500			250		
6	Cyl Pusher 79	Round Rod	OHNS	4" OD, 2.5" Length		4.5	1	450	600			250		75
7	Cyl Pusher 93.5	Round Rod	OHNS	4" OD, 2.5" Length		4.5	1	450	750			250		
8	Fixture 76	Round Rod	MS	6" OD, 2" Length		8	1	560	750					
9	Fixture 79	Round Rod	MS	6" OD, 2" Length		8	1	560	750					100
10	Fixture 93.5	Round Rod	MS	7" OD, 3" Length		15	1	1050	1250					
11	Cylinder Stand	Round Rod	MS	4" OD, 2.5" Length		4.5	1	315	750					
12	Base-Cylinder	Sheet Metal	MS	2ftx2ftx16 Gauge		6	1	420					1000	
13	Slider Base	Sheet Metal	MS	2ftx2ftx16 Gauge		6	1	420					1000	
		Round Rod	MS	15mm OD, 4ft Length		8	1	560	1000					
14	Base fixture	Round Rod	MS	5" OD, 1" Length		6	1	420	500		100			
16	End Plate 1	Rect plate	MS	250mmx100mmx10mm		5	1	350	500				200	
17	V Clamp	Rect plate	MS	65mm80mmx135mm		7	1	490			1500			
18	Sliding Solid Chute	Rect plate	MS	250mmx300mmx30mm		18	2	2520		4000	2000			
17	End Plate 2	Rect plate	MS	250mmx100mmx10mm		5	1	350	500					
18	Fasteners			1/2" OD, 2" Length			15	250						
				M10, 2" Length			4	100						
								15230	10150	7350	8100		1100	2575

44505

Raw materials	14880
Labour	29275
Fasteners	350
Finishing	2000
Transportation	500
Total	47005

FIXTURE

Se.No	Component	Raw Material	Type	Specifications	Weight	Number	Rate	Lathe	Shaping	Milling	Drilling	Grinding	Cutting	Welding	
1	Base plate	Rect plate	MS	225mmx325mmx10mm	6	1	420		1000					100	
2	Stopper plates	Rect plate	MS	4"x650mmx8mm	5	1	350		500				250	500	
3	Gussets	Rect plate	MS	2"x200mmx8mm	1	1	70		500				100		
4	Spacer plate	Rect plate	MS	125mmx75mmx8mm	1	1	70		250				50		
5	Pin	Round Rod	MS	1/2" OD, 50mm Length		2	25	200							
6	F Plate-2	Rect plate	MS	225mmx325mmx10mm	6	1	420		1000				100		
6	Toggle Clamp					2	1500								
6	Fasteners			1/2" OD, 50mm Length		4	100								
								2955	200	3250				600	500

7505

Raw materials	2855
Labour	4550
Fasteners	100
Finishing	250
Transportation	250
Total	8005

TABLE CHUTE

Se.No	Component	Raw Material	Type	Specifications	Weight	Number	Rate	Lathe	Shaping	Milling	Drilling	Grinding	Cutting & Bending	Welding
1	Frame	Square Tube	MS	1"x1"x16 Gauge		6 Length	2750						100	1250
2	Sheet Metal	Sheet Metal	MS	8x8x16 Gauge		1	2500							
3	Tray	Sheet Metal	MS	4x4x18 Gauge			750						1250	
4	Chute	Round Rod	SS	3/8" OD, 4m Length			1100							
4	Ring holder	Round Rod	MS	1/2" OD, 4 Ft Length	6	4	1680							250
5	Fasteners	CSK Screw		1/4" OD, 3/4" Length		24	100							
6	Welding rods						100							
7	Tube Light					2	400							
								9380					1350	1500

12230

Raw materials	9280
Labour	2850
Fasteners	100
Finishing	550
Transportation	1000
Total	13780

TROLLEY+ RACK (2+1 nos.)

Se.No	Component	Raw Material	Type	Specifications	Weight	Number	Rate	Lathe	Shaping	Milling	Drilling	Grinding	Cutting & Bending	Welding	
1	Frame	Square Tube	MS	1"x1"x16 Gauge		8 Length	3700						200	2000	
2	Sheet Metal	Sheet Metal	MS	4x4x18 Gauge		2	1500						100	500	
3	Wheel Plate	Rect Plate	MS	4"x4"x1/4"	0.5	8	280								
4	Wheel					8	8000								
5	Fasteners			1/4" OD, 1.5" Length		32	300								
								13780	0	0	0	0	0	300	2500

16580

Raw materials	13480
Labour	2800
Fasteners	300
Finishing	500
Transportation	500
Total	17580