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**HYDMARK APPLICON**

A 5/4 & 6/4, PHASE II, INDUSTRIAL AREA, MAYAPURI  
 NEW DELHI - 110064  
 PHONE: +91-11-45114611-30 lines, FAX: +91-11-28116246  
 E-mail: sales@hydmark.com

**QUOTATION**

OUR REF.	HAQ/JAL/22-23/094
DATE	23.04.2022
YOUR REF.:	- Your email dated- 15.04.2022
Kind Attn.:	- Rajgopal. C. Sarda (Asst. Manager Purchase)
Email:	rajgopal@jindalaluminium.com

M/s. Jindal Aluminium Ltd.,  
 Bhiwadi division,  
 SP-2/333, Industrial area, Bhiwadi-301019  
 Alwar Dist., (Rajasthan)  
 Tel.: 080- 27735051/ 52    Mob.    9611195368

Dear Sir,  
 We feel pleasure in forwarding our quotation for the following:

S. NO.	DESCRIPTION	QTY.	UNIT PRICE
1.	<p><b>ASSLY OF BILLET CLAMP CYLINDER FOR BP4 PRESS</b></p> <ul style="list-style-type: none"> <li>❖ Type : Double Acting</li> <li>❖ Bore : Ø100 mm</li> <li>❖ Rod : Ø60 mm</li> <li>❖ Stroke : 60 mm</li> <li>❖ Mounting : As per your drawing</li> <li>❖ Working pressure : 150 bar</li> <li>❖ Test pressure : 210 bar</li> <li>❖ Seals : ISO Standard</li> <li>❖ Max. Working temp. : 65°C</li> <li>❖ Cushioning : None</li> <li>❖ As per your drawing no. : HLS-BP4-07-A2</li> <li>❖ Material of construction                             <ul style="list-style-type: none"> <li>▪ Honed tube - ST 52, BK+S, DIN 2391</li> <li>▪ Piston rod - CK45/C45</li> <li>▪ Flange &amp; glands - C20</li> <li>▪ Fasteners - high tensile</li> <li>▪ Chrome plating thickness on rod - 20-30 microns</li> <li>▪ Rod surface roughness Ra:0.2 / 0.4 microns</li> </ul> </li> </ul>	01 No.	<p>@ ₹ 24,800:00 Each</p> <p>(@ Rupees twenty four thousand eight hundred only)</p>
2.	<p><b>ASSLY OF SHEAR CYLINDER FOR BP4 PRESS</b></p> <ul style="list-style-type: none"> <li>❖ Type : Double Acting</li> <li>❖ Bore : Ø250 mm</li> <li>❖ Rod : Ø180 mm</li> <li>❖ Stroke : 340 mm</li> <li>❖ Mounting : As per your drawing</li> <li>❖ Working pressure : 250 bar</li> <li>❖ Test pressure : 275 bar</li> <li>❖ Seals : ISO Standard</li> <li>❖ Max. Working temp. : 65°C</li> <li>❖ Cushioning : None</li> <li>❖ As per your drawing no. : HLS-BP4-06-A2</li> <li>❖ Material of construction                             <ul style="list-style-type: none"> <li>▪ Honed tube - ST 52, BK+S, DIN 2391</li> <li>▪ Piston rod - CK45/C45</li> <li>▪ Flange &amp; glands - C20</li> <li>▪ Fasteners - high tensile</li> <li>▪ Chrome plating thickness on rod - 20-30 microns</li> <li>▪ Rod surface roughness Ra 0.2 / 0.4 microns</li> </ul> </li> </ul>	01 No.	<p>@ ₹ 1,52,800:00 Each</p> <p>(@ Rupees one lac fifty two thousand eight hundred only)</p>

**CHECK LIST**  
 Discussed Rates @  
 Inc

TEST: 18% ESD  
 30 days credit  
 FOR-JAL BND

roadside: one year  
 02 weeks

discussed with m.obeary  
 and agreed the same.  
 (Signature)  
 27/04/22

3. ASSLY OF LOG BACK PUSHER CYLINDER FOR BP4 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø90 mm
- ❖ Rod : Ø60 mm
- ❖ Stroke : 940 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP4-05-A4
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

@ ₹ 41,600.00 Each  
Rs. 3,700/-  
(@ Rupees forty one  
thousand six hundred  
only)

4. ASSLY OF LOG CLAMP CYLINDER FOR BP4 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø60 mm
- ❖ Rod : Ø90 mm
- ❖ Stroke : 52 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 200 bar
- ❖ Test pressure : 250 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP4-03-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

@ ₹ 23,500.00-Each  
Rs. 20900/-  
(@ Rupees twenty  
three thousand five  
hundred only)

5. ASSLY OF BILLET PUSHER CYLINDER FOR BP4 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø90 mm
- ❖ Rod : Ø60 mm ✓
- ❖ Stroke : 300 mm ✓
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP4-02-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

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No.

@ ₹26,350.00 Each  
R. 23450/—  
(@ Rupees twenty six  
thousand three  
hundred fifty only)

6. D/A CYLINDER FOR FRWD/RVRS MOVEMENT OF  
PRINTING MACHINE

- ❖ Type : Double Acting
- ❖ Bore : Ø40 mm
- ❖ Rod : Ø20 mm
- ❖ Stroke : 900 mm
- ❖ Mounting : As per drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : Both End
- ❖ As per your drawing no. : APS-BP1-09-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

@ ₹14,700.00:Each  
R. 13000/—  
(@ Rupees fourteen  
thousand seven  
hundred only)

7. D/A CYLINDER FOR UP/DOWN MOVEMENT OF PRINTING MACHINE

- ❖ Type : Double Acting
- ❖ Bore : Ø40 mm
- ❖ Rod : Ø28 mm
- ❖ Stroke : 200 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : Both End
- ❖ As per your drawing no. : APS-BP1-08-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

@ ₹9,600:00 Each  
Rs. 8500/-  
(@ Rupees nine  
thousand six hundred  
only)

8. ASSLY OF LOG CLAMP CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø110 mm
- ❖ Rod : Ø60 mm
- ❖ Stroke : 65 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 200 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP1-01-A2
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

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No.

@ ₹21,750:00 Each  
Rs. 19350/-  
(@ Rupees twenty  
one thousand seven  
hundred fifty only)

9. CONTAINER CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø254 mm
- ❖ Rod : Ø160 mm
- ❖ Stroke : As per your drawing
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 200 bar
- ❖ Test pressure : 275 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : BP1-1650-04-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

~~@ ₹ 3,88,000.00~~  
Each  
₹. 3,45,000/-  
(@ Rupees three lacs  
eighty eight thousand  
only)

10. ASSLY. OF LOG LIFTING CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø80 mm
- ❖ Rod : Ø45 mm
- ❖ Stroke : 180 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP1-07-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

~~@ ₹ 16,900.00~~ Each  
₹. 15000/-  
(@ Rupees sixteen  
thousand nine  
hundred only)

11. ASSLY. OF SHEAR CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø320 mm
- ❖ Rod : Ø160 mm
- ❖ Stroke : 320 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 250 bar
- ❖ Test pressure : 275 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP1-03-A2
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No. @ ₹ 2,74,000.00 Each  
₹. 2,73,800/-  
(@ Rupees two lacs  
seventy four thousand  
only)

12. ASSLY. OF HOT LOG PUSHER CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø90 mm
- ❖ Rod : Ø60 mm
- ❖ Stroke : 280 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP1-04-A2
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No. @ ₹ 37,100.00-Each  
₹. 33000/-  
(@ Rupees thirty  
seven thousand one  
hundred only)

13. ASSLY. OF BILLET PUSHER CYLINDER FOR BP1 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø90 mm
- ❖ Rod : Ø60 mm
- ❖ Stroke : 380 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP1-06-A2
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No. @₹39,200.00-Each  
No. 34800/-  
(@ Rupees thirty nine thousand two hundred only)

14. ASSLY. OF LOG CLAMPING CYLINDER FOR BP3 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø110 mm
- ❖ Rod : Ø65 mm
- ❖ Stroke : 65 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP3-04-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No. @₹21,900.00 Each  
No. 19400/-  
(@ Rupees twenty one thousand nine hundred only)

15. ASSLY. OF LOG CLAMPING CYLINDER FOR BP3 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø110 mm
- ❖ Rod : Ø65 mm
- ❖ Stroke : 50 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP3-03-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

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No.

@ ₹ 20,700.00 Each  
 R. 12,400/-  
 (@ Rupees twenty thousand seven hundred only)

16. ASSLY. OF BILLET PUSHER CYLINDER FOR BP3 PRESS

- ❖ Type : Double Acting
- ❖ Bore : Ø90 mm
- ❖ Rod : Ø60 mm
- ❖ Stroke : 305 mm
- ❖ Mounting : As per your drawing
- ❖ Working pressure : 150 bar
- ❖ Test pressure : 175 bar
- ❖ Seals : ISO Standard
- ❖ Max. Working temp. : 65°C
- ❖ Cushioning : None
- ❖ As per your drawing no. : HLS-BP3-02-A3
- ❖ Material of construction
  - Honed tube - ST 52, BK+S, DIN 2391
  - Piston rod - CK45/C45
  - Flange & glands - C20
  - Fasteners - high tensile
  - Chrome plating thickness on rod - 20-30 microns
  - Rod surface roughness Ra 0.2 / 0.4 microns

01  
No.

@ ₹ 38,800.00 Each  
 R. 34,500/-  
 (@ Rupees thirty eight thousand eight hundred only)