

... bala-wa Fixed High Pressure CO2 Cylinder Bank Assembly ...

bala-wa Fixed High Pressure CO2 Cylinder Bank Assembly							
SL NO.	DESCRIPTION	MODEL NO.					
		IH401	IH402	IH403	IH404	IH405-CS	IH406
1	2 Nos of 45 kg CO2 Cylinder Bank	<p>IH401-2 bala-wa FHP MS / 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Master Slave operation principle 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH402-2 bala-wa FHP PS / 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH403-2 bala-wa FHP M S / M S / 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Main &amp; Standby, Master Slave Operation principle 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH404-2 bala-wa FHP M S / M S / 2 DV 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Main &amp; Standby, Master Slave Operation principle using common bank with Directional valves 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH405-2-CS bala-wa FHP MS / 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested As Per Customer Specification</p>	<p>IH406-2 bala-wa FHP PS / 2 x 45 - CO2</p> <p>bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main &amp; Standby principle 2 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>
2	3 Nos of 45 kg CO2 Cylinder Bank	<p>IH401-3 bala-wa FHP MS / 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Master Slave operation principle 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH402-3 bala-wa FHP PS / 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH403-3 bala-wa FHP M S / M S / 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Main &amp; Standby, Master Slave Operation principle 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH404-3 bala-wa FHP M S / M S / 2 DV 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure Main &amp; Standby, Master Slave Operation principle using common bank with directional valves 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>	<p>IH405-3-CS bala-wa FHP MS / 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested As Per Customer Specification</p>	<p>IH406-3 bala-wa FHP PS / 3 x 45 - CO2</p> <p>bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main &amp; Standby principle 3 x 45 Kg CO2 Cylinder Bank Assembly Fully Integrated &amp; Tested</p>

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3	4 Nos of 45 kg CO2 Cylinder Bank	IH401-4 bala-wa FHP MS / 4 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-4 bala-wa FHP PS / 4 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-4 bala-wa FHP M S / M S / 4 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-4 bala-wa FHP M S / M S / 2 DV 4 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-4-CS bala-wa FHP MS / 4 x 45 - CO2 bala-wa Fixed High Pressure 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-4 bala-wa FHP PS / 4 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 4 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>
4	5 Nos of 45 kg CO2 Cylinder Bank	IH401-5 bala-wa FHP MS / 5 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-5 bala-wa FHP PS / 5 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-5 bala-wa FHP M S / M S / 5 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-5 bala-wa FHP M S / M S / 2 DV 5 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-5-CS bala-wa FHP MS / 5 x 45 - CO2 bala-wa Fixed High Pressure 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-5 bala-wa FHP PS / 5 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 5 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>

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5	6 Nos of 45 kg CO2 Cylinder Bank	IH401-6 bala-wa FHP MS / 6 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-6 bala-wa FHP PS / 6 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-6 bala-wa FHP M S / M S / 6 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-6 bala-wa FHP M S / M S / 2 DV 6 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-6-CS bala-wa FHP MS / 6 x 45 - CO2 bala-wa Fixed High Pressure 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-6 bala-wa FHP PS / 6 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 6 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>
6	7 Nos of 45 kg CO2 Cylinder Bank	IH401-7 bala-wa FHP MS / 7 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-7 bala-wa FHP PS / 7 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-7 bala-wa FHP M S / M S / 7 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-7 bala-wa FHP M S / M S / 2 DV 7 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-7-CS bala-wa FHP MS / 7 x 45 - CO2 bala-wa Fixed High Pressure 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-7 bala-wa FHP PS / 7 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 7 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>

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7	8 Nos of 45 kg CO2 Cylinder Bank	IH401-8 bala-wa FHP MS / 8 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-8 bala-wa FHP PS / 8 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-8 bala-wa FHP M S / M S / 8 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-8 bala-wa FHP M S / M S / 2 DV 8 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-8-CS bala-wa FHP MS / 8 x 45 - CO2 bala-wa Fixed High Pressure 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-8 bala-wa FHP PS / 8 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 8 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>
8	9 Nos of 45 kg CO2 Cylinder Bank	IH401-9 bala-wa FHP MS / 9 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-9 bala-wa FHP PS / 9 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-9 bala-wa FHP M S / M S / 9 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-9 bala-wa FHP M S / M S / 2 DV 9 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-9-CS bala-wa FHP MS / 9 x 45 - CO2 bala-wa Fixed High Pressure 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-9 bala-wa FHP PS / 9 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 9 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>

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9	10 Nos of 45 kg CO2 Cylinder Bank	IH401-10 bala-wa FHP MS / 10 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-10 bala-wa FHP PS / 10 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-10 bala-wa FHP M S / M S / 10 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-10 bala-wa FHP M S / M S / 2 DV 10 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-10-CS bala-wa FHP MS / 10 x 45 - CO2 bala-wa Fixed High Pressure 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-10 bala-wa FHP PS / 10 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 10 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>
10	11 Nos of 45 kg CO2 Cylinder Bank	IH401-11 bala-wa FHP MS / 11 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-11 bala-wa FHP PS / 11 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-11 bala-wa FHP M S / M S / 11 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-11 bala-wa FHP M S / M S / 11 DV 2 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-11-Cs bala-wa FHP MS / 11 x 45 - CO2 bala-wa Fixed High Pressure 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-11 bala-wa FHP PS / 11 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 11 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>

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11	12 Nos of 45 kg CO2 Cylinder Bank	IH401-12 bala-wa FHP MS / 12 x 45 - CO2 bala-wa Fixed High Pressure Master Slave operation principle 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH402-12 bala-wa FHP PS / 12 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders principle 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH403-12 bala-wa FHP M S / M S / 12 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH404-12 bala-wa FHP M S / M S / 2 DV 12 x 45 - CO2 bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>	IH405-12-CS bala-wa FHP MS / 12 x 45 - CO2 bala-wa Fixed High Pressure 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested As Per Customer Specification</u>	IH406-12 bala-wa FHP PS / 12 x 45 - CO2 bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle 12 x 45 Kg CO2 Cylinder Bank Assembly <u>Fully Integrated &amp; Tested</u>
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... *bala-wa Fixed High Pressure CO2 Cylinder Bank Assembly Material Breakup* ...

**MATERIAL BREAKUP**  
**IH401-bala-wa Fixed High Pressure Master Slave operation principle**  
**45 Kg CO2 Cylinder Bank Assembly**

Sl. No.	Old Part No.	Part No.	Description	Unit	IH401-2 QTY	IH401-3 QTY	IH401-4 QTY	IH401-5 QTY	IH401-6 QTY	IH401-7 QTY	IH401-8 QTY	IH401-9 QTY	IH401-10 QTY	IH401-11 QTY	IH401-12 QTY
01	B048	B048-68	68 litres water capacity CO2 Cylinder with ISI marked and CCE Approval to fill 45 Kg CO2 gas	Nos.	2	3	4	5	6	7	8	9	10	11	12
02		B135	CO2 gas with 99.9% purity filling	Kgs.	90	135	180	225	270	315	360	405	450	495	540
03	IH030/1 CS	IH030-CS	CO2 Cylinder Bank Accessories with Weighing Device Mounting Rail (Suitable for CS Nos.of 45Kg. Capacity CO2 Cylinders)	sets	1 set 2 cyl bank	1 set 3 cyl bank	1 set 4 cyl bank	1 set 5 cyl bank	1 set 6 cyl bank	1 set 7 cyl bank	1 set 8 cyl bank	1 set 9 cyl bank	1 set 10 cyl bank	1 set 11 cyl bank	1 set 12 cyl bank
04	B001/4	B001-DIN477	CO2 Master Valve with DIN477 threading standard complete with 24 VDC Solenoid and Manual Release lever	Nos.	1	1	1	1	1	1	1	1	1	1	1
05	IH149	IH149*	Master Cylinder Valve Protection Cap	Nos.	1	1	1	1	1	1	1	1	1	1	1

... *bala-wa Fixed High Pressure CO2 Cylinder Bank* ...  
*Assembly Material Breakup*

06		IH018	Non-Return Valve suitable for CO2 Master Cylinder	Nos.	1	1	1	1	1	1	1	1	1	1	1
07	B004/2	B004/DIN	CO2 Slave Valve with pneumatic actuator & Manual Lever with DIN477 threading standard	Nos.	1	2	3	4	5	6	7	8	9	10	11
08		IH019	Non-Return Valve suitable for CO2 Slave Cylinder	Nos.	1	2	3	4	5	6	7	8	9	10	11
09		B020	High Pressure Discharge Hose - 400mm	Nos.	1	2	3	4	5	6	7	8	9	10	11
10		B021	High Pressure Discharge Hose - 350mm	Nos.	1	1	1	1	1	1	1	1	1	1	1
11		B022	High Pressure Actuation Hose - 550mm	Nos.	1	1	1	1	1	1	1	1	1	1	1
12		B023	High Pressure Actuation Hose - 300mm	Nos.	—	1	2	3	4	5	6	7	8	9	10
13		IH007	Continuous Gas Weight Monitor - Analogue LED Type (Model No.CGWM-E)	Nos.	2	3	4	5	6	7	8	9	10	11	12



... *bala-wa Fixed High Pressure CO2 Cylinder Bank Assembly Material Breakup* ...

14		IH138	Manifold safety Valve	No.	1	1	1	1	1	1	1	1	1	1	1
15		B143	Weatherproof Pressure Switch	No.	1	1	1	1	1	1	1	1	1	1	1

**MATERIAL BREAKUP**  
**IH402-bala-wa Fixed High Pressure N2 / CO2 Pilot and Slave Cylinders**  
**principle using 45 Kg CO2 Cylinder**  
**Bank Assembly**

Sl. No.	Old Part No.	Part No.	Description	Unit	IH402-2 QTY	IH402-3 QTY	IH402-4 QTY	IH402-5 QTY	IH402-6 QTY	IH402-7 QTY	IH402-8 QTY	IH402-9 QTY	IH402-10 QTY	IH402-11 QTY	IH402-12 QTY
01	B048	B048-68	68 litres water capacity CO2 Cylinder with ISI marked and CCE Approval to fill 45 Kg CO2 gas	Nos.	2	3	4	5	6	7	8	9	10	11	12
02		BIH302-N2	Pilot N2 Cylinder 6.8 litres water capacity Filled with 1m3 N2 Gas at 150 bar Pressure fitted with 24v DC Solenoid cylinder valve with Pressure Gauge and Manual Lever to Operate Slave Cylinder valves / one No. Directional valve pneumatic actuator.	No.	1	1	1	1	1	1	1	1	1	1	1
03		B135	CO2 gas with 99.9% purity filling	Kgs.	90	135	180	225	270	315	360	405	450	495	540

... *bala-wa Fixed High Pressure CO2 Cylinder Bank* ...  
*Assemblv Material Breakun*

04	IH030/1 CS	IH030- CS	CO2 Cylinder Bank Accessories with Weighing Device Mounting Rail (Suitable for * Nos.of 45Kg. Capacity CO2 Cylinders)	sets	1 set 2 cyl bank	1 set 3 cyl bank	1 set 4 cyl bank	1 set 5 cyl bank	1 set 6 cyl bank	1 set 7 cyl bank	1 set 8 cyl bank	1 set 9 cyl bank	1 set 10 cyl bank	1 set 11 cyl bank	1 set 12 cyl bank
05	B004/2	B004- DIN	CO2 Slave Valve with pneumatic actuator & Manual Lever with DIN477 threading standard	Nos.	2	3	4	5	6	7	8	9	10	11	12
06		IH019	Non-Return Valve suitable for CO2 Slave Cylinder	Nos.	2	3	4	5	6	7	8	9	10	11	12
07		B020	High Pressure Discharge Hose - <b>400mm</b>	Nos.	2	3	4	5	6	7	8	9	10	11	12
08		B022	High Pressure Actuation Hose - <b>550mm</b>	No.	1	1	1	1	1	1	1	1	1	1	1
09		B023	High Pressure Actuation Hose - <b>300mm</b>	Nos.	1	2	3	4	5	6	7	8	9	10	11

... *bala-wa Fixed High Pressure CO2 Cylinder Bank* ...  
*Assembly Material Breakup*

10	IH007	Continuous Gas Weight Monitor - Analogue LED Type (Model No.CGWM-E)	Nos.	2	3	4	5	6	7	8	9	10	11	12
11	IH138	Manifold safety Valve	No.	1	1	1	1	1	1	1	1	1	1	1
12	B143	Weatherproof Pressure Switch	No.	1	1	1	1	1	1	1	1	1	1	1

**MATERIAL BREAKUP**  
**IH406-bala-wa Fixed High Pressure**  
**N2 / CO2 Pilot and Slave Cylinders, Main & Standby principle using 45 Kg CO2 Cylinder**  
**Bank Assembly**

Sl. No.	Old Part No.	Part No.	Description	Unit	IH406-2 QTY	IH406-3 QTY	IH406-4 QTY	IH406-5 QTY	IH406-6 QTY	IH406-7 QTY	IH406-8 QTY	IH406-9 QTY	IH406-10 QTY	IH406-11 QTY	IH406-12 QTY
01	B048	B048-68	68 litres water capacity CO2 Cylinder with ISI marked and CCE Approval to fill 45 Kg CO2 gas	Nos.	4	6	8	10	12	14	16	18	20	22	24

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*Assemblv Material Breakun*

02		BIH302 -N2	Pilot N2 Cylinder 6.8 litres water capacity Filled with 1m3 N2 Gas at 150 bar Pressure fitted with 24v DC Solenoid cylinder valve with Pressure Gauge and Manual Lever to Operate Slave Cylinder valves / one No. Directional valve pneumatic actuator.	No.	2	2	2	2	2	2	2	2	2	2	2
03		B135	CO2 gas with 99.9% purity filling	Kgs.	180	270	360	450	540	630	720	810	900	990	1080
04	IH030/1 CS	IH030- CS	CO2 Cylinder Bank Accessories with Weighing Device Mounting Rail (Suitable for * Nos.of 45Kg. Capacity CO2 Cylinders)	sets	2 set 2 cyl bank	2 set 3 cyl bank	2 set 4 cyl bank	2 set 5 cyl bank	2 set 6 cyl bank	2 set 7 cyl bank	2 set 8 cyl bank	2 set 9 cyl bank	2 set 10 cyl bank	2 set 11 cyl bank	2 set 12 cyl bank
05	B004/2	B004- DIN	CO2 Slave Valve with pneumatic actuator & Manual Lever with DIN477 threading standard	Nos.	4	6	8	10	12	14	16	18	20	22	24
06		IH019	Non-Return Valve suitable for CO2 Slave Cylinder	Nos.	4	6	8	10	12	14	16	18	20	22	24

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07	B020	High Pressure Discharge Hose - 400mm	Nos.	4	6	8	10	12	14	16	18	20	22	24
08	B022	High Pressure Actuation Hose - 550mm	No.	2	2	2	2	2	2	2	2	2	2	2
09	B023	High Pressure Actuation Hose - 300mm	Nos.	2	4	6	8	10	12	14	16	18	20	22
10	IH007	Continuous Gas Weight Monitor - Analogue LED Type (Model No.CGWM-E)	Nos.	4	6	8	10	12	14	16	18	20	22	24
11	IH138	Manifold safety Valve	No.	1	1	1	1	1	1	1	1	1	1	1
12	B143	Weatherproof Pressure Switch	No.	1	1	1	1	1	1	1	1	1	1	1

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<p align="center"><b>MATERIAL BREAKUP</b>  <b>IH403-bala-wa Fixed High Pressure</b>  <b>Main &amp; Standby, Master Slave Operation principle using</b>  <b>45 Kg CO2 Cylinder Bank Assembly</b></p>															
Sl. No.	Old Part No.	Part No.	Description	Unit	IH403-2 QTY	IH403-3 QTY	IH403-4 QTY	IH403-5 QTY	IH403-6 QTY	IH403-7 QTY	IH403-8 QTY	IH403-9 QTY	IH403-10 QTY	IH403-11 QTY	IH403-12 QTY
01	B048	B048-68	68 litres water capacity CO2 Cylinder with ISI marked and CCE Approval to fill 45 Kg CO2 gas	Nos.	4	6	8	10	12	14	16	18	20	22	24
02		B135	CO2 gas with 99.9% purity filling	Kgs.	180	270	360	450	540	630	720	810	900	990	1080
03	IH030/1 CS	IH030-CS	CO2 Cylinder Bank Accessories with Weighing Device Mounting Rail (Suitable for CS Nos.of 45Kg. Capacity CO2 Cylinders)	sets	2 set 2 cyl bank	2 set 3 cyl bank	2 set 4 cyl bank	2 set 5 cyl bank	2 set 6 cyl bank	2 set 7 cyl bank	2 set 8 cyl bank	2 set 9 cyl bank	2 set 10 cyl bank	2 set 11 cyl bank	2 set 12 cyl bank
04		B001/DIN	CO2 Master Valve with DIN477 threading standard complete with 24 VDC Solenoid and Manual Release lever	Nos.	2	2	2	2	2	2	2	2	2	2	2
05	IH149	IH149*	Master Cylinder Valve Protection Cap	Nos.	2	2	2	2	2	2	2	2	2	2	2

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*Assembly Material Breakup*

06		IH018	Non-Return Valve suitable for CO2 Master Cylinder	Nos.	2	2	2	2	2	2	2	2	2	2	2
07	B004/2	B004/DIN	CO2 Slave Valve with pneumatic actuator & Manual Lever with DIN477 threading standard	Nos.	2	4	6	8	10	12	14	16	18	20	22
08		IH019	Non-Return Valve suitable for CO2 Slave Cylinder	Nos.	2	4	6	8	10	12	14	16	18	20	22
09		B020	High Pressure Discharge Hose - 400mm & 350mm	Nos.	4	6	8	10	12	14	16	18	20	22	24
10		B022	High Pressure Actuation Hose - 550mm & 300mm	Nos.	2	4	6	8	10	12	14	16	18	20	22
11		IH007	Continuous Gas Weight Monitor - Analogue LED Type (Model No.CGWM-E)	Nos.	4	6	8	10	12	14	16	18	20	22	24

... *bala-wa Fixed High Pressure CO2 Cylinder Bank Assembly Material Breakup* ...

12		IH138	Manifold safety Valve	No.	1	1	1	1	1	1	1	1	1	1	1
13		B143	Weatherproof Pressure Switch	No.	1	1	1	1	1	1	1	1	1	1	1

**MATERIAL BREAKUP**

**IH404-bala-wa Fixed High Pressure Main & Standby, Master Slave Operation principle using common bank with directional valves using 45 Kg CO2 Cylinder Bank Assembly**

Sl. No.	Old Part No.	Part No.	Description	Unit	IH404-2 QTY	IH404-3 QTY	IH404-4 QTY	IH404-5 QTY	IH404-6 QTY	IH404-7 QTY	IH404-8 QTY	IH404-9 QTY	IH404-10 QTY	IH404-11 QTY	IH404-12 QTY
01	B048	B048-68	68 litres water capacity CO2 Cylinder with ISI marked and CCE Approval to fill 45 Kg CO2 gas	Nos.	4	6	8	10	12	14	16	18	20	22	24



... *bala-wa Fixed High Pressure CO2 Cylinder Bank* ...  
*Assembly Material Breakup*

02		BIH302-N2	Pilot N2 Cylinder 6.8 litres water capacity Filled with 1m3 N2 Gas at 150 bar Pressure fitted with 24v DC Solenoid cylinder valve with Pressure Gauge and Manual Lever to Operate Slave Cylinder valves / one No. Directional valve pneumatic actuator.	No.	2	2	2	2	2	2	2	2	2	2	2
03		B135	CO2 gas with 99.9% purity filling	Kgs.	180	270	360	450	540	630	720	810	900	990	1080
04		IH015-CS	CS CO2 Directional valve with pneumatic actuator & Limit Switch	Nos.	2	2	2	2	2	2	2	2	2	2	2
05	IH030/1 CS	IH030-CS	CO2 Cylinder Bank Accessories with Weighing Device Mounting Rail (Suitable for * Nos.of 45Kg. Capacity CO2 Cylinders)	sets	2 set 2 cyl bank	2 set 3 cyl bank	2 set 4 cyl bank	2 set 5 cyl bank	2 set 6 cyl bank	2 set 7 cyl bank	2 set 8 cyl bank	2 set 9 cyl bank	2 set 10 cyl bank	2 set 11 cyl bank	2 set 12 cyl bank
06		B001/DIN	CO2 Master Valve with DIN477 threading standard complete with 24 VDC Solenoid and Manual Release lever	Nos.	2	2	2	2	2	2	2	2	2	2	2
07	IH149	IH149*	Master Cylinder Valve Protection Cap	Nos.	2	2	2	2	2	2	2	2	2	2	2
08		IH018	Non-Return Valve suitable for CO2 Master Cylinder	Nos.	2	2	2	2	2	2	2	2	2	2	2

... *bala-wa Fixed High Pressure CO2 Cylinder Bank* ...  
*Assembly Material Breakup*

09	B004/2	B004/DIN	CO2 Slave Valve with pneumatic actuator & Manual Lever with DIN477 threading standard	Nos.	2	4	6	8	10	12	14	16	18	20	22
10		IH019	Non-Return Valve suitable for CO2 Slave Cylinder	Nos.	2	4	6	8	10	12	14	16	18	20	22
11		B020	High Pressure Discharge Hose - 400mm & 350mm	Nos.	4	6	8	10	12	14	16	18	20	22	24
12		B022	High Pressure Actuation Hose - 550mm & 300mm	Nos.	2	4	6	8	10	12	14	16	18	20	22
13		IH007	Continuous Gas Weight Monitor - Analogue LED Type (Model No.CGWM-E)	Nos.	4	6	8	10	12	14	16	18	20	22	24
14		IH138	Manifold safety Valve	No.	1	1	1	1	1	1	1	1	1	1	1
15		B143	Weatherproof Pressure Switch	No.	1	1	1	1	1	1	1	1	1	1	1