



Whether for small-batch precision or continuous large-scale processing, ISHIGAKI delivers dependable, easy-to-maintain solutions that add real value to your operations.

**DESIGNED TO FILTER,
ENGINEERED FOR LIFE.**

ISHIGAKI GLOBAL SUPPLY LTD.

ISHIGAKI Global Supply Ltd. specializes in advanced solid-liquid separation technologies, providing high-performance filtration systems tailored for a wide range of industrial applications — including mining, chemicals, food processing, and wastewater treatment.

With a commitment to quality, efficiency, and innovation, our filter press systems are engineered to optimize dewatering performance, reduce operational costs, and ensure long-term durability.

Filter Press Solutions You Can Trust

- **Fully Automatic Operation** – Streamlined processing and minimal labor
- **High Efficiency Dewatering** – Achieve optimal cake dryness and filtrate clarity
- **Robust & Corrosion-Resistant Design** – Built for demanding environments
- **Modular & Scalable** – Configurable to meet plant-specific needs

MANUAL FILTER PRESS

FEATURES:

- All Steel material used as per ASTM A36.
- All safety factor of structure is more than 2.
- Highly Technical raw material - Polypropylene.

ADVANTAGE OF USING MANUAL FILTER PRESS:

- Easy to Operate.
- Bulk Handling
- Less maintenance



Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
250	10	20-32	0.70-0.90	7.30-12.70	1250-1450	450	550	75
320	12	20-32	1.44-1.68	13.44-22.80	1270-1480	520	580	125
355	14	20-32	2.24-2.52	24.50-29.40	1270-1480	715	650	150
400	16	20-32	3.52-3.84	32.00-54.56	1560-1780	760	680	200
470	18	20-32	5.58-6.12	50.22-85.32	1710-1950	830	710	275
630	20	20-32	7.00-7.60	63.40-107.00	1830-2080	860	800	325

MERRILL CROWE FILTER PRESS

FEATURES:

- High-efficiency gold & silver recovery.
- Stainless steel wetted parts.
- Special manifold for extreme flow rates.
- Oversized feed & discharge ports.
- Recessed or plate & frame design.
- Electric or pneumatic hydraulic unit.

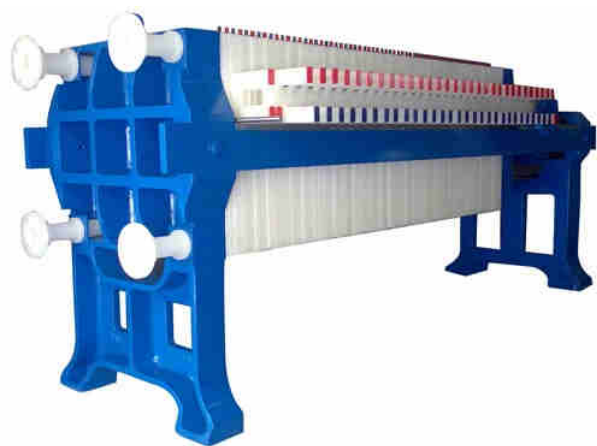
ADVANTAGE OF USING MANUAL FILTER PRESS:

- Clear filtrate for higher bullion quality.
- Low-moisture cake, easy handling.
- Long service life in harsh mining.
- Reliable, high-volume performance.



Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
630	24	32-50	12.96-	177-260	2250-2570	1050	1200	1300
800	30	32-50	29.4	371-533	4280-5050	1200	1270	2200
1000	40	32-50	62.4	862-1288	4320-5080	1290	1500	4400
1200	50	32-50	114.5	16130-2457	5680-6580	1670	1900	7000
1500	60	32-50	219	3226.80-4922.40	7050-7980	2180	2380	15500
2000x1500	70	32-50	331.10-347.90	3829-6290.20	7050-7980	2180	2900	-

SEMI AUTOMATIC FILTER PRESS



FEATURES

- All Material Shot blasted before fabrication.
- Full manufacturing on automatic CNC machine like cutting & machining for high accuracy.
- Load Suffering tie bar with radius machining for high shear resistance at any given load compared to shear load profile.
- European standard high engineered moulds for high filtration rate and efficiency.

APPLICATION AREAS:

- **Chemical Industries:** Basic Chemicals, Organic & Inorganic, Resins, Starch, Enzymes, and Pesticides
- **Dye Stuffs-** Pigments, Dyes, Intermediates

Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area (m2)	Wet Cake Volume (liters)	Dimensions			Weight (kg)
					L	B	H	
630	24	25-40	13.68-15.12	153-261	2250-2570	1050	1200	1300
800	30	25-40	28.80-31.50	338-545	4170-4950	1200	1270	2200
915	36	25-50	47.52-49.32	550-1100	4000-5050	1300	1440	3300
1000	40	25-50	62.40-68.00	741-1479	4030-5080	1290	1500	4400
1200	50	25-50	114.00-124.50	1275-2679	5280-6580	1670	1900	7000

ADVANTAGES OF USING SEMI AUTOMATIC FILTER PRESS:

- NIL or less Maintenance Compared to other equipment
- Bulk Handling

AUTOMATIC FILTER PRESS

FEATURES:

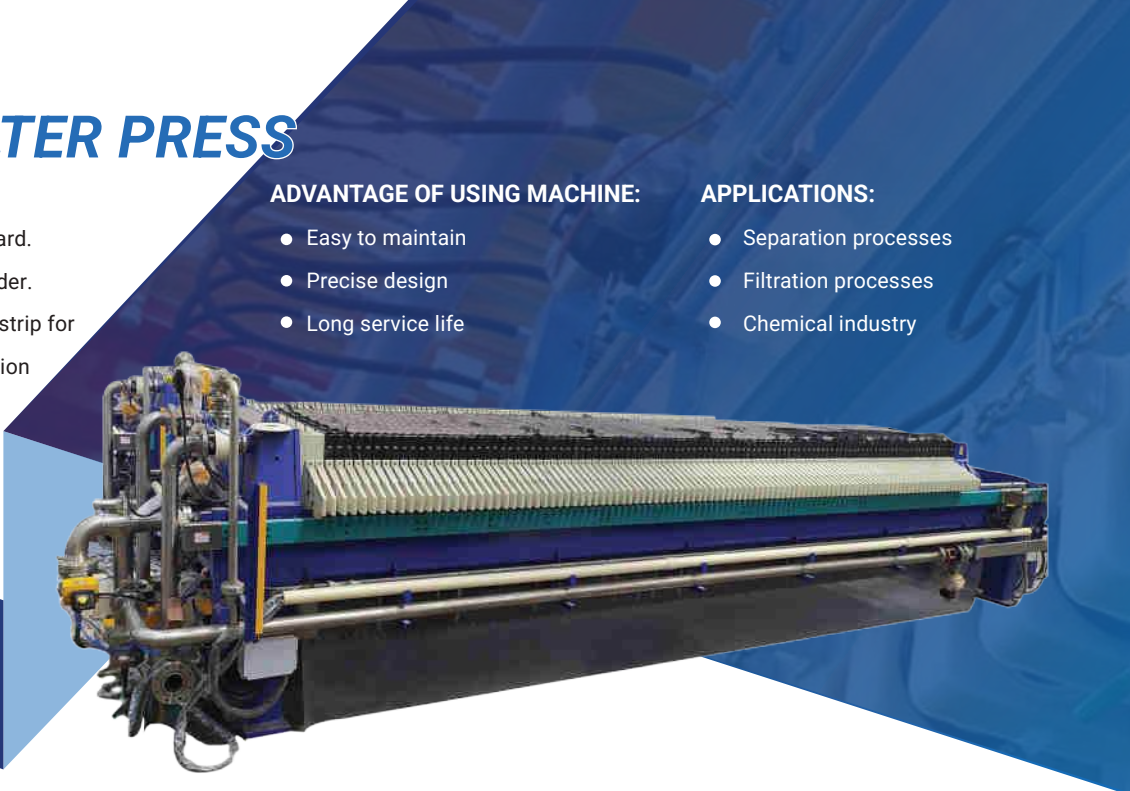
- Fillet weld as per ASME section 9 standard.
- All GMAW/MIG welding by qualified welder.
- Tie bar top edge lined with 2mm SS304 strip for erosion resistance and smoother operation
- Flat pipes for High Cloth support.

ADVANTAGE OF USING MACHINE:

- Easy to maintain
- Precise design
- Long service life

APPLICATIONS:

- Separation processes
- Filtration processes
- Chemical industry



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					L	B	H	
630	24	25-40	13.68-15.12	7.30-12.70	1250-1450	450	550	75
800	30	25-40	28.80-31.50	13.44-22.80	1270-1480	520	580	125
915	36	25-50	47.52-49.32	24.50-29.40	1270-1480	715	650	150
1000	40	25-50	62.40-68.00	32.00-54.56	1560-1780	760	680	200
1200	50	25-50	114.00-124.50	50.22-85.32	1710-1950	830	710	275
1500	60	25-50	214.20-229.80	63.40-107.00	1830-2080	860	800	325
2000x1500	70	25-50	331.10-358.40	50.22-85.32	1710-1950	830	710	275
2000	80	25-50	516.80-559.20	63.40-107.00	1830-2080	860	800	325

MEMBRANE FILTER PRESS

FEATURES:

- Hydraulic Power pack with all ISO Standard valves.
- Reinforced design for high differential pressure resistance.
- High web thickness 45mm for high temperature consideration.

ADVANTAGE OF USING MACHINE:

- Pharma Industries- Antibiotic, Syrup, Intermediates and Bulk Drugs
- Ceramics- Clay, Porcelain, Fine Earth, Marble, and Granite
- Food Industries- Vegetable Oils, Cane Juice, Food Colors Soups, Distilleries, Dairies and Hotels

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CUSTOMIZE YOUR OPTION

- **Diaphragm squeeze skids available** – Boosts filtration efficiency with high-pressure diaphragm squeeze
- **Pump skids with pump control available** – Integrated pump and control system for precise slurry delivery
- **Leg extensions with castors available** – Easy mobility and height adjustment for flexible operation

- Pilot scale filter presses



- Skid mounted filter presses



- Super Sack hooks and Chutes available



- Custom access platforms with stairs and railings available





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