



JMT Co., Ltd.

Facility for Climate Control

ALKALINE BATTERY MACHINE
MANGANESE BATTERY MACHINE



JMT Co., Ltd.

The Best Technology in the Global Approved Global Business Partner

JMT Co., Ltd. is a professional company for heat exchanger's facilities. We have, with the world's leading technology and quality, manufactured products customized by the clients' variously industrial characteristics and conditions.

We have also had a wide range of patents and utility models since the company was founded in 2002, which results in a steady growth.

In addition, we have received attention as a new leader in the domestic automotive climate control industry by virtue of developing new technologies and the best quality and service, thus, we are preparing to leap into a global climate control's facilities company.

We promise to grow as an excellent company to meet clients' expectations through carrying forward the sustainable development of technology and products.





JMT Co., Ltd.

Company Information

Company Name / JMT Co., Ltd.

Joo Machine Technology

President / Joo Yonghwan

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Homepage / www.jmtcb.com

History

- 2002 October / Established JMTECH
- 2003 May / RAD' MATRIX C/B
- 2004 February / HTR MATRIX C/B
- 2005 November / COND' MATRIX C/B
August / EVA MATRIX C/B
- 2008 July / RAD' & COND' MATRIX C/B
- 2010 April / Rename JMT Co., Ltd.
December / SUPERFAST CORE BUILDER
October / COND' AUTO C/B
- 2013 October / Acquired ISO9001
Established Laboratory
- 2014 October / Exploitation Fin Mill
- 2015 July / Change of Address

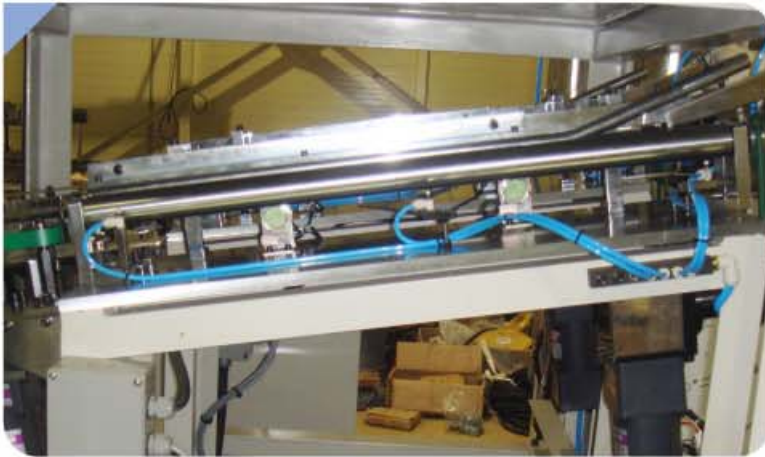


ALKALINE BATTERY MACHINE (LR6 & 03 LINE)

SPEC

- Battery Type : Alkaline
- Capacity : 600ea / 1min
- Consumed Power : 35kw
- Consumed Vacuum : 2m³ / min
- Consumed Pneumatic : 3m³ / min
- Machine Size :
- Machine Weight : 2tons
- Delivery Date : PO + 8month (shipping)

※ It is subject to change according to the specification.



A-1

STEEL CAN SUPPLY & ARRANGING M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : Motor 0.4kw
- Dimension : 2000 x 2000 x 2000(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Steel Can Supply Hopper	1Set			
• Steel Can Supply Feeder	2Set			
• Steel Can Supply Conveyor	1Set			
• Steel Can 합류장치	1Set			
• Can Arrang Unit	1Set			



A-2 MIX CORE INSERTING M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : Brake Motor 3.7kw
- Dimension : 3200 x 1500 x 1500(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5 kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Main M/C	1Set			
• Mix Core Storage Turn Table	1Set			
• Cell Feeding & Lifting C/V	1Set			
• Dust Colleter	1Set			
• O.P and Main Panel	1Set			

ALKALINE BATTERY MACHINE (LR6 & 03 LINE)



A-3 STEEL CAN BEADING & CARRIER INSERTING M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : 3.7kw
- Dimension : 1620 x 1320 x 1850(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	Nil
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Carrier Feeding C/V	1Set			
• 2 Stage Turn Table	1Set			
• Cell Feeding C/V	1Set			
• Cell Turn Table	1Set			
• Carrier Return C/VL	1Set			
• Carria	1Set			
• O.P and Main Panel	1Set			



A-4 SEALANT PAINTING M/C

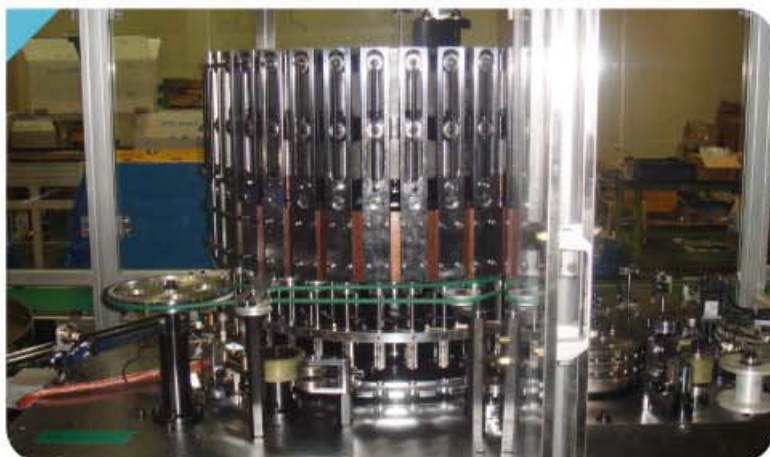
- Type : Rotary
- Capacity : 600ea / min
- Motor : 0.75kw
- Dimension : 850 x 900 x 1400(h)
- Net Weight : Approx 1500kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Stroage Turn Table	1Set			
• Cell Feedign C/V	1Set			
• Vision Check System	1Set			
• O.P and Main Panel	1Set			



A-5

SEPARATOR WINDING & INSERTING M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : 3.7kw
- Dimension : 1530 x 1170 x 1430(h)
- Net Weight : Approx 2500kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	760mmHg
Heater	2kw (500w 4set)

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Separator Supply Unit	1Set			
• Cell Feeding C/V	1Set			
• Cell Storage Turn Table	1Set			
• O.P and Main Panel	1Set			



A-6

전해액 FILING M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : Brake Motor 1.5kw
- Dimension : 1200 x 900 x 2790(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

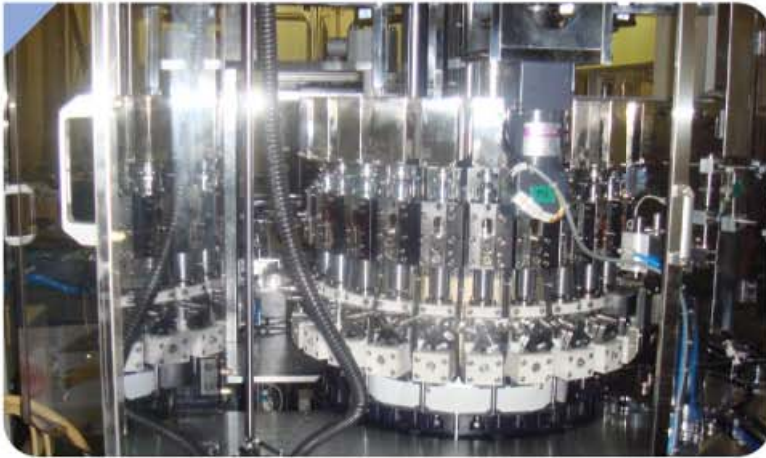
Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Cell Stroage Turn Table	1Set			
• Electrolyte Tank	1Set			
• Electrolyte Absorption Conveyor	1Set			
• Vacuum System	1Set			
• O.P and Main Panel				

ALKALINE BATTERY MACHINE (LR6 & 03 LINE)



A-7

ANODE GEL FILING & COLLECTOR ASS'Y INSERTING M/C

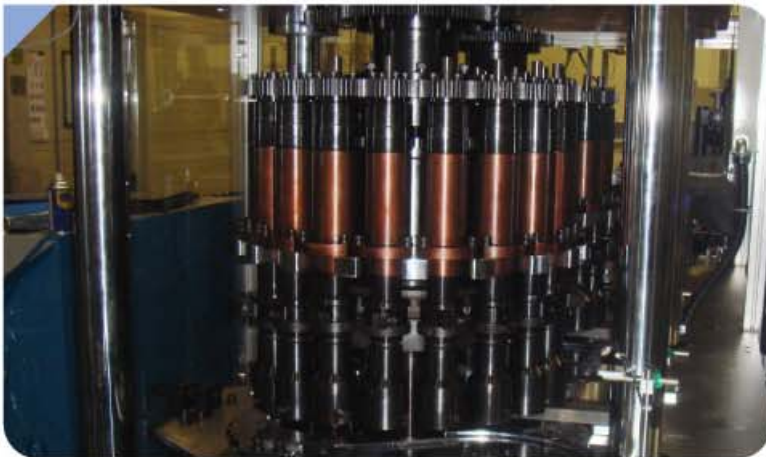
- Type : Rotary
- Capacity : 600ea / min
- Motor : Servo Motor 7kw
- Dimension : 2740 x 1360 x 2790(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Anode Collector Ass'y Feeder & Hopper	1Set			
• Anode Collector Ass'y Feeding Unit	1Set			
• Hose Pump & Gel Tank	1Set			
• Cell Stroage T/T	1Set			
• O.P and Main Panel	1Set			



A-8

CARRIER DIVING, CRIMPING & STRETCHING & OCV CHECK & WEIGHT CHECK M/C

- Type : Rotary
- Capacity : 600ea / min
- Motor : Brake Motor 5.5kw
- Dimension : 7200 x 2200 x 1500(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell feeding & Lifting C/V	1Set			
• OCV Check Unit	1Set			
• Weight Check Unit	2Set			
• Carrier Outlet C/V	1Set			
• O.P and Main Panel	1Set			



A-9 CELL LOADING M/C

- Type : Conveyor Type
- Capacity : 600ea / min
- Motor : Motor 0.4kw
- Dimension : 1650 x 1600 x 1300(h)
- Net Weight : Approx 3000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight

MANGANESE BATTERY MACHINE (R6 & 03 LINE)

SPEC

- Battery Type : Manganese
- Capacity : 600ea / 1min
- Consumed Power : 35kw
- Consumed Vacuum : 2m³ / min
- Consumed Pneumatic : 3m³ / min
- Machine Size :
- Machine Weight : 2tons
- Delivery Date : PO + 8month (shipping)

※ It is subject to change according to the specification.



A-1

ZINC CAN ARRANGING M/C

- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 0.75kw
- Dimension : 1500 x 700 x 1200(h)
- Net Weight : Approx 1200kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Zinc Can Hopper	1Set			
• Zinc Can Supply C/V	1Set			
• Zinc Can Disk Feeder	1Set			
• Zinc Can Feeding C/V	1Set			
• Zinc Can Return Unit	1Set			
• Zinc Can Lifting C/V	1Set			



A-2 CARRIER INSERTING M/C

- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 0.75kw
- Dimension : 1000 x 800 x 1500(h)
- Net Weight : Approx 1200kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Zinc Feeding C/V	1Set			
• Carrier Feeding C/V	1Set			
• Ceel Feeding C/V	1Set			
• Carrier 2 Stage T/T	1Set			
• Carrier Return C/V				
• Carrier Lifting C/V				

MANGANESE BATTERY MACHINE (R6 & 03 LINE)



A-3

LINER PAPER & BOTTOM CUP INSERTING M/C

- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 2.2kw
- Dimension : 1300 x 1000 x 1900(H)
- Net Weight : Approx 2500kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	600mmHg
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Cell Storage T/T	1Set			
• Bottom Cup Feeder	1Set			
• N,G Vision System	1Set			



A-4

MIX TAMPING M/C

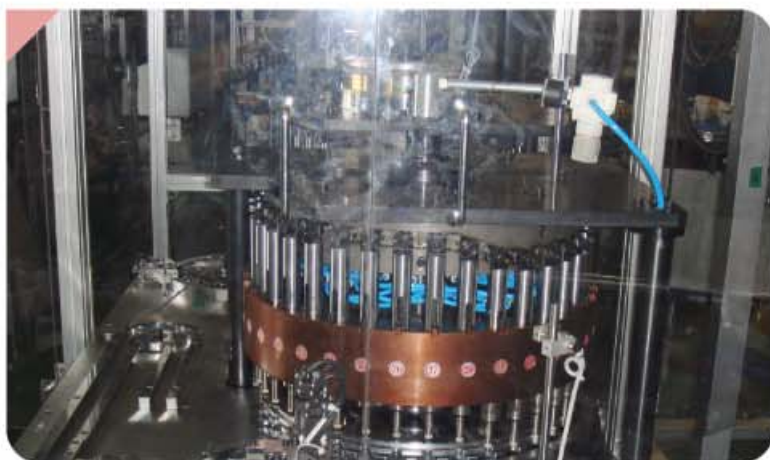
- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 5.5kw
- Dimension : 1400 x 1400 x 2200(h)
- Net Weight : Approx 2800kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	2Set			
• Cell Storage T/T	1Set			
• Mix Hopper	2Set			
• Mix Feeding C/V	2Set			
• Dust Collector	2Set			



A-5 COMP WASHER INSERT & PRESSING M/C

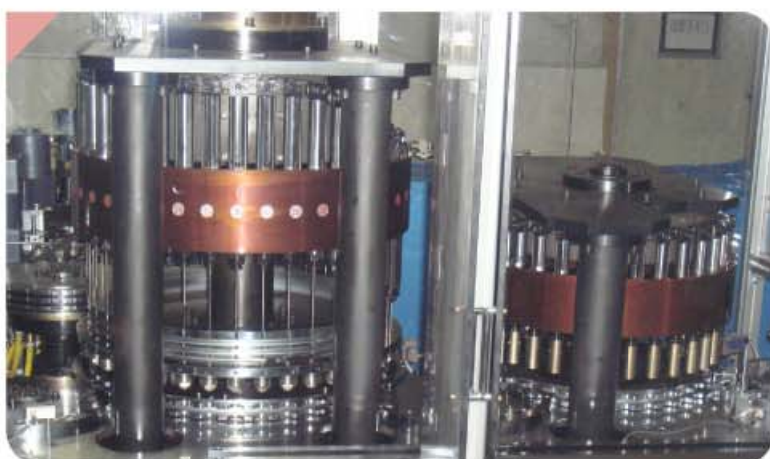
- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 2.2kw
- Dimension : 1700 x 1000 x 1800(h)
- Net Weight : Approx 2200kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	2Set			
• Cell Storage T/T	1Set			
• Comp Washer Feeder	1Set			



A-6 CARBON ROD INSERTING & ZINC CAN BUMPING M/C

- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 3.75kw
- Dimension : 1800 x 1100 x 1900(h)
- Net Weight : Approx 2500kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	600mmhg
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Cell Storage T/T	1Set			
• Carbon Rod Supply C/V	1Set			
• Dust Collector	1Set			

MANGANESE BATTERY MACHINE (R6 & 03 LINE)



A-7 SEALANT PAINTING M/C

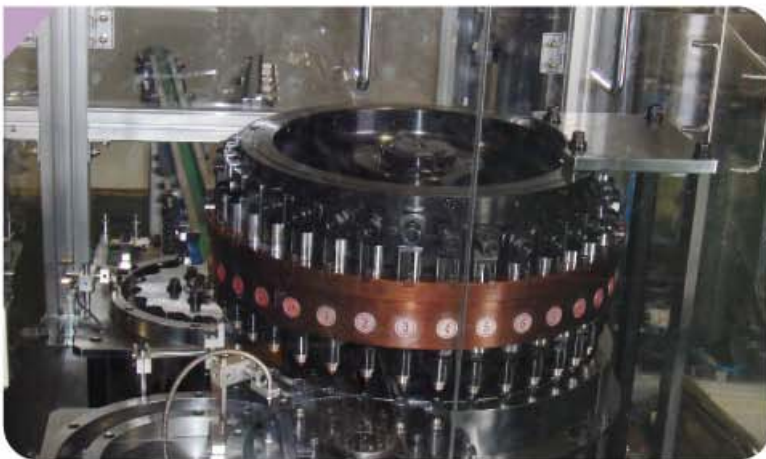
- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 2.2kw
- Dimension : 1500 x 900 x 1600(h)
- Net Weight : Approx 1900kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	10kw

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Cell Storage C/V	1Set			
• Sealant Melting Tank	2Set			



A-8 VENT WASHER INSERTING & CARRIER DIVIDING M/C

- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 1.5kw
- Dimension : 1100 x 900 x 1600(h)
- Net Weight : Approx 1600kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	Nil
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Carrier Outlet C/V	1Set			
• Vent Washer Feeder	1Set			
• N,G Vision System	1Set			



A-9 **PVC TUBE INSERT/SHRINK & BOTTOM PLATE/RING INSERTING M/C**

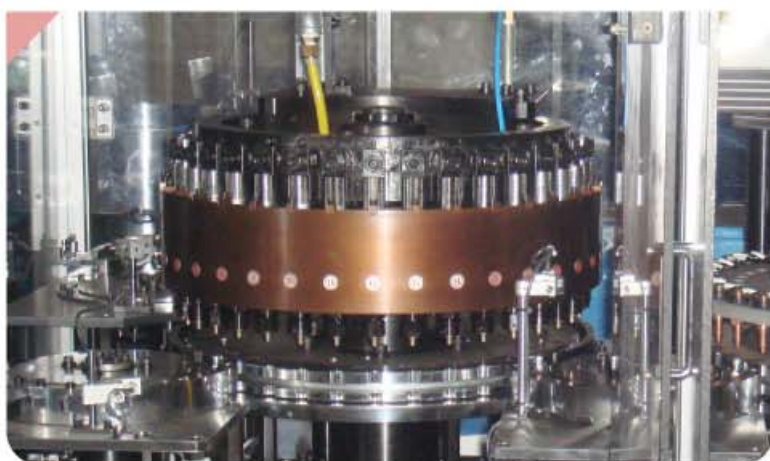
- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 5.5kw
- Dimension : 4200 x 1500 x 2100(h)
- Net Weight : Approx 4000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5kg/cm ²
Vacuum	600mmhg
Heater	7kw

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• PVC Tube Supply Unit	1Set			
• Cell Elevator C/V	1Set			
• Bottom Plate Feeder	1Set			
• Bottom Ring Feeder	1Set			
• Tube Shrink Tunnel	1Set			
• Cell Feeding C/V	1Set			
• N,G Vision System	1Set			



A-10 **TOP CAP INSERT & OCV/CCV CHECK M/C**

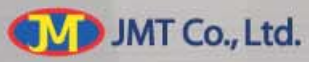
- Type : Rotary
- Capacity : 900(600)ea / min
- Motor : 2.2kw
- Dimension : 1900 x 1000 x 1800(h)
- Net Weight : Approx 2000kg
- Paint Color : Option
- Operators : 1 Person / Shift

Utilities

Electri Source	Option
Compressed Air	5 kg/cm ²
Vacuum	600mmHg
Heater	Nil

Machine Sub-Assemblies

Name	Q,Ty	Motor	Dimension	Weight
• Cell Feeding C/V	1Set			
• Cell Storage Buffre	1Set			
• OCV/CCV Check Unit	1Set			
• Top Cap Feeder	1Set			



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