FM FALLSDELL MACHINERY PTY. LTD.

STAINLESS STEEL TANKS

Featuring all Stainless Steel Construction

Fallsdell Machinery Pty. Ltd. has been designing and manufacturing stainless steel tanks for the pharmaceutical, cosmetic, food, chemical and allied trade industries since 1981.

The Stainless Steel Tank Specialists

Standard range of stainless steel tanks

INDUSTRIES:
Pharmaceutical
Cosmetic
Food
Chemical
Beverage
Dairy
Confectionery
Paint/Ink
Petrochemical
Plastic

| Volume Litres	Diam. mm	Depth mm	Outlet Size
75	470	450	25
125	600	450	25
200	600	760	25
250	600	900	25
375	730	900	25
500	850	900	25
750	1,030	900	25
800	930	1,200	25
1,000	1,050	1,200	38
1,250	1,170	1,200	38
1,500	1,270	1,200	38
1,750	1,370	1,200	38
2,000	1,470	1,200	38
2,250	1,570	1,200	38
2,500	1,370	1,800	38
3,000	1,470	1,800	50
3,500	1,625	1,800	50
4,000	1,700	1,800	50
5,000	1,900	1,800	50
6,000	2,060	1,800	50
7,500	2,000	2,400	50
10,000	2,350	2,400	50
12,500	2,320	3,000	50
15,000	2,500	3,000	50

FEATURES
• All S/S Construction
• 316 S/S Shell
• 304 S/S Frame
• Double Welded Seams
• Radius Corners
• Fully Polished
• BSP Male Outlet
• 600mm Outlet Height
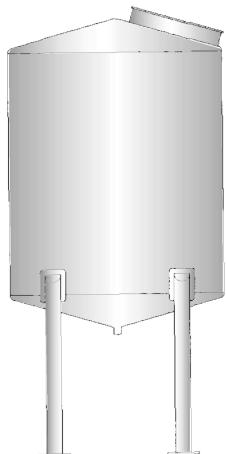• Sani-Lid Manway on T.E. Tanks

OPTIONS
• Dimple Jacketed Side & Bottom
• Steam Coils
• Baffles
• Mixer Bracket
• Sight Glass
• Lids
• Mixers
• Outlet Size & Type
• Frame Design
• Chemical Grade to Pharmaceutical
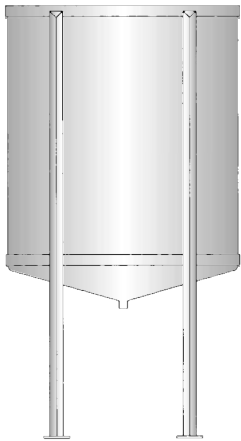
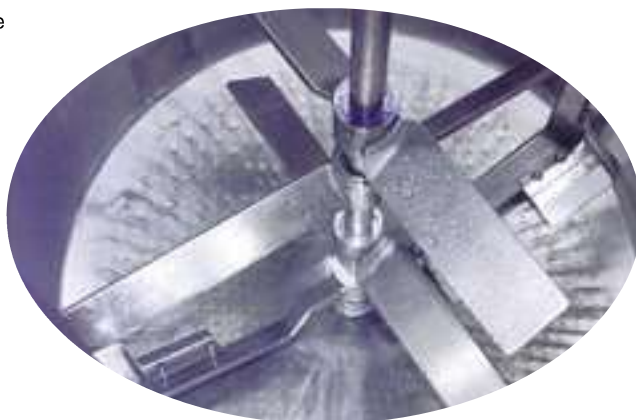Conical Bottom Angle Frame
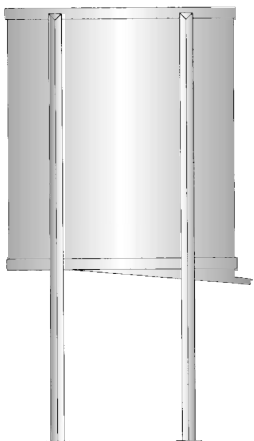
Sloping Bottom Angle Frame

Totally Enclosed Tubular Frame

Note:
1.2 mm material to 250 lit.,
1.6 mm from 375 to 7,500 lit.,
2.0 mm from 10,000 to 15,000 lit.

Dimple Jacketed Tanks
For mixing, heating, cooling

(Inside View)
500 Litre dimple jacketed contra rotating mixing tank.

Fallsdell can design and manufacture tanks to your specifications

S/S
mobile
hopper

Totally enclosed
storage tank

Jacketed and
insulated pressure
mixing vessel

Emulsifying mixing tank with
sanitary quick clean fittings

STAINLESS STEEL BUCKETS & VATS

316 Stainless Steel Vat. Fully polished, **fold-down handles** and loose cover lid.

50 ltr	400 x 410 mm
100 ltr	495 x 520 mm

316 Stainless Steel Vat. Fully polished, **3 clamp down** toggles and sealable lid.

50 ltr	400 x 410 mm
100 ltr	495 x 520 mm

Tapered Bucket.
304 Stainless Steel fully polished spun buckets, tapered sides, swing handle.
Available with or without wear bands and lids are available for all sizes.

11 ltr	310 x 260 mm
14 ltr	324 x 287 mm
20 ltr	375 x 300 mm

Straight Sided.
316 Stainless Steel Bucket.
Fully polished, swing handle.

15 ltr	235 x 350 mm
20 ltr	280 x 350 mm
25 ltr	280 x 420 mm

STAINLESS STEEL PRODUCTS

Tri clover or Screw top 316 stainless steel sealable containers.
Fully polished, crevice free.

500 ml	80 x 110 mm
1 ltr	95 x 130 mm
2 ltr	120 x 180 mm
5 ltr	155 x 240 mm
10 ltr	210 x 290 mm
20 ltr	270 x 350 mm

Storage Containers

Capacity	Diameter	Depth	Code
1.25 ltr	105mm dia	147mm deep	SH1001
2 ltr	125mm dia	172mm deep	SH1002
3.5 ltr	156mm dia	185mm deep	SH1003
4.25 ltr	166mm dia	194mm deep	SH1004
6 ltr	185mm dia	220mm deep	SH1006
8 ltr	204mm dia	248mm deep	SH1008

Dressing Jars

Capacity	Diameter	Depth	Code
500ml	105mm dia	70mm deep	SH513B
1 ltr	105mm dia	132mm deep	SH513
2.25 ltr	124mm dia	175mm deep	SH514
3 ltr	155mm dia	184mm deep	SH5143
4.5 ltr	180mm dia	180mm deep	SH515
5.7 ltr	190mm dia	229mm deep	SH5156
7.6 ltr	210mm dia	250mm deep	SH5158

316 S/S Scoops

Diameter	Length
100mm	180mm
125mm	210mm
150mm	270mm
200mm	350mm

304 S/S Scoops

Diameter	Length
63mm	110mm
100mm	160mm
150mm	210mm

304 S/S Open Scoops

Model	Diameter	Length
SH-915SS	100mm	160mm
SH-915S	127mm	190mm
SH-915M	140mm	205mm
SH-915L	204mm	255mm

Funnels

Diameter	Code
76mm dia	SH603
104mm dia	SH604
127mm dia	SH605
152mm dia	SH606
210mm dia	SH608H
229mm dia	SH609H

Dippers

Capacity	Code
1 Ltr	SH2112
2 Ltr	SH2113
3 Ltr	SH2114

Conical Strainers

Coarse

Diameter	Code
180mm	3867
200mm	3868
230mm	3869
250mm	3870
300mm	3872

Fine

Diameter	Code
180mm	3847
200mm	3848
230mm	3849
250mm	3850
300mm	3852

Beakers

Capacity	Diameter	Depth	Code
125 ml	64mm	67mm	SH553
250 ml	75mm	87mm	SH554
600 ml	96mm	113mm	SH555
1.2 ltr	115mm	150mm	SH556
2 ltr	133mm	180mm	SH557
3 ltr	150mm	215mm	SH558
4 ltr	163mm	230mm	SH559

Graduated Measures

Capacity	Diameter	Depth	Code
140 ml	68mm	75mm	SH551
280 ml	83mm	97mm	SH552
500 ml	95mm	115mm	SH521
1000 ml	127mm	136mm	SH522
2000 ml	145mm	168mm	SH52164

Jugs

Capacity	Diameter	Depth	Code
2 ltr	128mm	170mm	SH2093N
3 ltr	138mm	210mm	SH2094N

Iodine Bowls

Capacity	Diameter	Depth	Code
55 ml	60mm	34mm	SH547
110 ml	64mm	44mm	SH546
170 ml	71mm	45mm	SH545
280 ml	83mm	55mm	SH544
390 ml	88mm	65mm	SH543

Tapered Bowls

Capacity	Diameter	Depth	Code
1 ltr	160mm	55mm	ST7371
1.75 ltr	200mm	75mm	ST7373
3.25 ltr	240mm	90mm	ST7375
5 ltr	280mm	100mm	ST7376
7.5 ltr	320mm	115mm	ST7377
8.5 ltr	360mm	130mm	ST7378
9.5 ltr	400mm	140mm	ST7379

Round Bowls

Capacity	Diameter	Depth	Code
1 ltr	130mm	70mm	ST70501
2 ltr	200mm	90mm	ST70502
4 ltr	240mm	110mm	ST70504
5 ltr	280mm	120mm	ST70505
8 ltr	300mm	140mm	ST70508
12 ltr	360mm	150mm	ST70512

Trays

Length	Width	Depth	Code
265mm	162mm	63mm	STM14065
265mm	162mm	100mm	STM14100
Lid to suit STM14 series			STM141
320mm	260mm	63mm	STM12065
320mm	260mm	100mm	STM12100
Lid to suit STM12 series			STM121
325mm	176mm	63mm	STM13065
325mm	176mm	100mm	STM13100
Lid to suit STM13 series			STM131
525mm	325mm	63mm	STM11065
525mm	325mm	100mm	STM11100
Lid to suit STM11 series			STM111

Trays

Length	Width	Depth	Code
155mm	125mm	25mm	SH2125
210mm	170mm	30mm	SH2126
245mm	200mm	35mm	SH2127
270mm	210mm	40mm	SH2128
295mm	230mm	50mm	SH2129
355mm	265mm	65mm	SH2131
405mm	285mm	65mm	SH2132

Trays

Length	Width	Depth	Code
254mm	165mm	18mm	SH527
350mm	250mm	18mm	SH526
385mm	270mm	18mm	SH525
432mm	297mm	18mm	SH524
487mm	323mm	16mm	SH523

Kidney Dishes

Length	Width	Depth	Code
254mm	114mm	52mm deep	SH505
206mm	94mm	42mm deep	SH506
307mm	114mm	60mm deep	SH533
173mm	93 mm	35mm deep	SH534

Paddles

Spatulas

Length	Code
600mm	3402
900mm	3404

Capacity	Code
30ml	36001
60ml	36002
120ml	36004
180ml	36006
240ml	36008
360ml	36012

Ladles

Length
100mm
120mm
150mm
200mm
250mm
310mm

Available in plastic or wooden handle.
Available in straight or cranked blades.

FM

FALLSDELL MACHINERY PTY. LTD.

A.B.N. 76 977 877 192   (Incorporated in N.S.W.)

Machinery Merchants & Engineers Servicing the Food, Chemical, Cosmetic, Pharmaceutical & Allied Trades

EMULSIFIERS

NEW, IMPROVED HYGIENIC HI-FLOW DESIGN

Featuring all stainless steel construction, these heavy duty, high shear Emulsifiers are especially suitable for Food, Chemical, Cosmetic and Pharmaceutical processes requiring rapidly produced Solutions, Gels, Suspensions or Homogenous Emulsions.

CYMK

Batch Type Emulsifier

In-line Emulsifier

Products:
Creams
Lotions
Gels
Sauces
Mustards
Mayonnaise
Dressings
Soups
Shampoo
Conditioner
Gums and Resins
Glues and Adhesives
Soaps and Detergents
Oils and Greases
Inks and Dyes
Insecticides
Oils
Flavours
Beverages
Polishes
Varnishes
Paints
Dairy

Features:
- 316 grade polished stainless steel wetted parts
- New hygienic quick clean design, no tools required
- High flow impeller
- Interchangeable screens
- External seal design
- IP56 rated T.E.F.C. motors

Options:
- Flameproof motors, Exe or Exd
- Interchangeable head and screen designs
- Shaft length (RB) only
- S/S motor cover and trolley (RC only)

Emulsifiers are used for the rapid disintegration of solids, reduction of agglomerates and production of stable emulsions, gels and suspensions in either batch or continuous processes.

How the Emulsifier works:
The mixing cycle is divided into three stages, the first being when the materials are drawn into the mixing chamber and subjected to intense mixing in the chamber by the high speed rotor. The second stage occurs when the materials are expelled through the perforated screen and subjected to intense shear at extremely high velocity by the rotor blades. The third stage is the expulsion of the processed ingredients with great force and velocity into the body of the mix or into the recycling vessel.
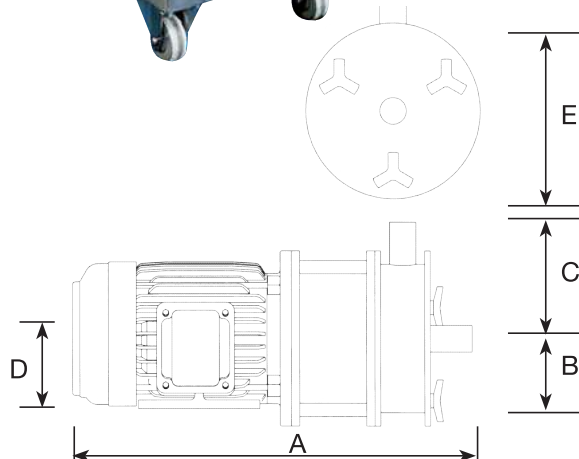
FALLSDELL IN-LINE EMULSIFIERS

In-Line Emulsifier on Trolley (optional)

New design clean-in-place impeller with rear vanes and cleaning ports, thus reducing product build up and pressure on seal.
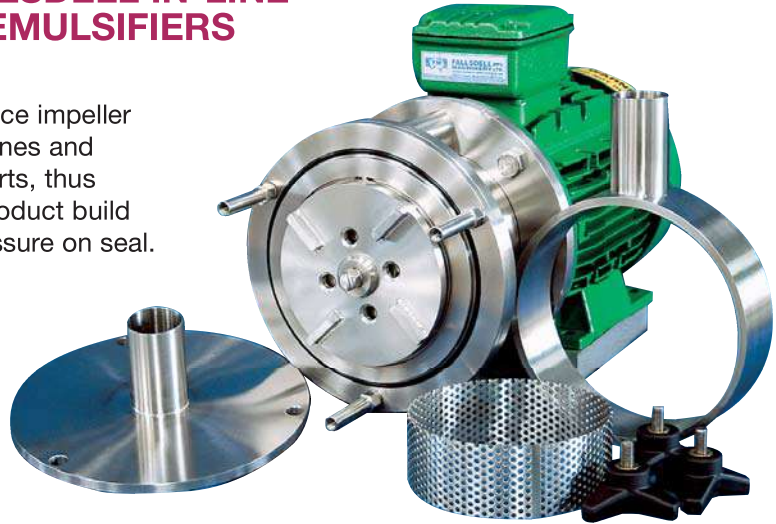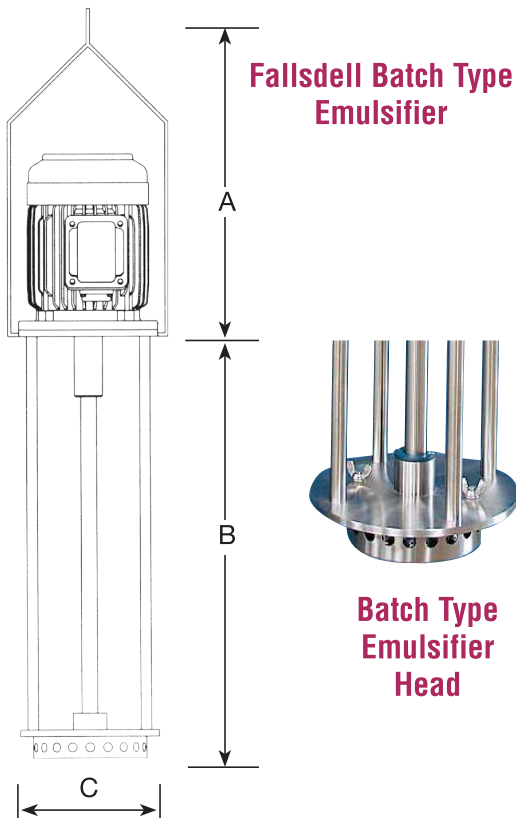
Hygienic quick clean design easily dismantled without tools

Approx. dimensions. Standard Motor

Fallsdell Batch Type Emulsifier

Batch Type Emulsifier Head

IN-LINE SPECIFICATIONS: All dimensions in mm

Model	RC22	RC40	RC75	RC11
Motor (k.w.)	2.2	4.0	7.5	11.0
(h.p.)	3.0	5.5	10.0	15.0
Capacity ltr/min	270	350	600	600
A	515	570	650	650
B	100	100	100	100
C	160	160	160	160
D	90	115	130	130
E	200	200	200	200
Inlet ø	38	50	63.5	63.5
Outlet ø	38	38	50	50

BATCH SPECIFICATIONS: All dimensions in mm

Model	RB.75	RB22	RB40	RB75	RB11
Motor (k.w.)	.75	2.2	4.0	7.5	11.0
(h.p.)	1.0	3.0	5.5	10.0	15.0
Batch Size (ltr)	200	600	1000	2000	2000
A	410	450	550	725	725
B	840	845	1050	1060	1060
C	200	200	250	300	300

Note: Capacities listed are indicative of MAXIMUM capacity on simple mixtures of MINIMUM viscosity. Actual results depend on viscosity of materials, vessel shape, nature of process, etc.

CYMK

POWDER PLUS DISSOLVER

INDUCT   PREMIX   DISSOLVE   EMULSIFY

incorporating our tried and proven hygenic hi-flow design in-line emulsifier, the
Powder Plus Dissolver
will induct powders and liquids, premix, dissolve and emulsify all in one operation

Features:

■ Made in Australia

■ 316 grade polished S/S wetted parts

■ Stainless Steel mobile trolley

■ 50 ltr stainless steel hopper

■ Hygenic quick clean design

■ No tools required

■ High Flow impeller

■ Interchangeable screens

■ External seal design

■ IP66 Rated T.E.F.C motors

Options:

■ Stainless steel motor

■ Flameproof motor, Exe or Exd

■ Double flush seals

Model	PPD40	PPD75
Motor (k.w.)	4.0	7.5
Capacity L/m*	350	600
Liquid Inlet (dia.)	38	50
Hopper outlet (dia)	50	63
Product outlet (dia)	38	50

*Based on water.
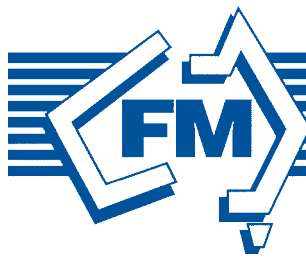
How the Powder Plus Dissolver works:
The Powder Plus Dissolver will draw powders and liquids under vacuum from the stainless steel hopper into the product liquid stream. This is achieved by the specially designed induction venturi manifold. The manifold premixes the powder and liquids then emulsifies all in the one inline operation.

DRUM TUMBLER

The Fallsdell Machinery Drum Tumbler utilizes standard 200L s/s seamless drums. This allows the operator to fill, seal, mix and store all in the container ensuring no cross contamination and double handling of product.

The mixing action turns the product over while the tumbling action eliminates the need for drum baffles. Drums can be manoeuvred from an upright position into and out of the mixing station without the need for heavy lifting.

The hoop is placed over the drum and clamped into position with adjustable toggles.

The motorised base is fitted with the machine rollers to accept hoop. Tumbler is driven by a geared motor.
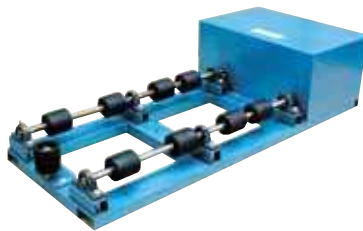
The hoop containing the drum is rolled up the ramp into the mixing position, mixing then occurs. Reverse the procedure to unload.

ALL STAINLESS STEEL CONSTRUCTION

Ideally suitable for the pharmaceutical, cosmetic, food and chemical industries. The tumbler will mix and blend both dry and wet powders, granules, slurries, supplements etc.

DRUM ROLLER

FEATURES

- Suitable for 200L (44gls) drums
- Adjustable idler to accept smaller drums
- End safety roller
- Available with .37kw single phase or three phase motors

OPTIONS

- Flameproof motors
- NEW 200L s/s drums
- Fully seal welded baffles (For a more intense mix)

Suitable for mixing and blending of powders, granules, liquids, slurries etc., ball milling and coating.

FLUID MIXING EQUIPMENT

High Speed

Variable Speed

Slow Speed

Air Mixer

PORTABLE RANGE

FEATURES

■ Nose cone with steady bearing standard on SSP

■ Stainless Steel Coupling

■ New design universal swivel clamp

■ 316 grade stainless steel balanced shaft and propellers

■ IP55 electric motor protection
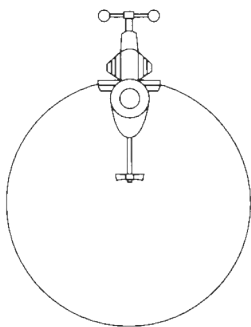
Proper position of mixer shaft to give a thorough mix without drawing air into the liquid.
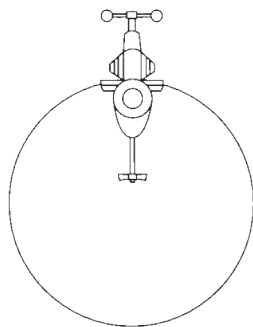
Position of mixer shaft to cause a vortex for drawing into liquid, light powders, gas or air.
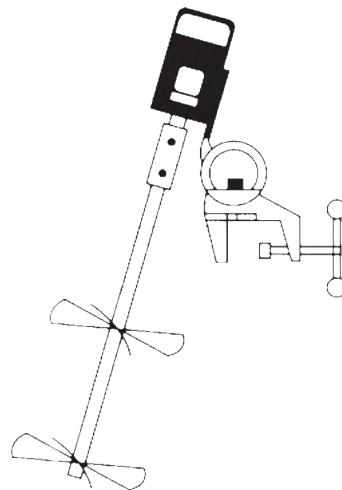
The above range of Mixers are all fitted with a universal swivel clamp which allows the shaft and propellers to be located almost anywhere in the tank by releasing one nut, making off-centre mixing possible.

FALLSDELL MACHINERY PTY. LTD.

High Speed Mixers

Portable   Top Entry

Slow Speed Mixers

Portable   Top Entry

Optional Air Motor

Can be fitted to any of the above mixer styles

Optional Mechanical Variable Speed Drive

Can be fitted to any of the above mixer styles

SPECIFICATIONS

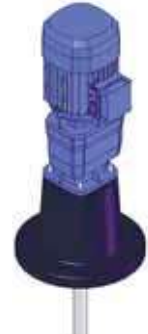| MODEL	HSP37/ HST37	HSP75/ HST75	HSP150/ HST150	SSP37/ SST37	SSP75/ SST75	SSP150/ SST150	SSP220/ SST220
POWER KW	0.37	0.75	1.5	0.37	0.75	1.5	2.2
Std Impellers	1 x 125mm	1 x 150mm	2 x 150mm	1 x 330mm	1 x 380mm	1 x 430mm	1 x 480mm
"Fixed" Speed (rpm)	1390	1390	1390	380	380	380	380
"Mechanical Variable" Speed	170-1000	170-1000	190-1000	45-260	45-260	45-260	N/A
"Air Mixer" Speed	Upto 3000rpm depending on CFM			Upto 720rpm depending on CFM			N/A

MIXER STANDS

Manufactured from stainless steel, these fully adjustable mixer stands provide a free standing or mobile mixer support system, giving you a wide variety of mixing positions and easily adjusted to suit your tank or mixing level.

MIXER OPTIONS

- Air Motors
- Flameproof Motors
- Top Entry right angle drives
- Slow Speed Paddles or Turbines
- Side Entry Mixers – Medium Range Mixers
- Corrosion Resistant Materials & Coatings

- Electronic Speed Control
- Scrape Surface Paddle Mixers
- Computer Designed to suit your Tank and Product
- All Mixers Designed and built in Australia
- Full range of Propellers and Paddles available

Contact Fallsdell Machinery for full specifications on our Mixing Range

FALLSDELL MACHINERY PTY. LTD.

FM

A.B.N. 76 977 877 192   (Incorporated in N.S.W.)

*Machinery Merchants & Engineers Servicing the Food,
Chemical, Cosmetic, Pharmaceutical & Allied Trades*

**AUSTRALIAN
& NEW ZEALAND
AGENT**

HOLLAND ®
Tabletting Science

TABLET PUNCHES & DIES

For 60 years, **I. Holland** have supplied punches and dies for every type of tablet press to pharmaceutical, nutraceutical and confectionery industries around the world.

Using specially developed materials of the highest quality, **I. Holland** combine the latest manufacturing process with state of the art Quality Assurance Technology to bring you tooling that delivers outstanding performance.

I. Holland have set the standard to which the tooling industry aspires, helping tablet manufacturers to achieve ever increasing quality and productivity targets.

Coating treatments and steel selection for improved:

■ Wear resistance
■ Corrosion resistance
■ Anti-stick properties
■ Surface hardness

66-68 Harley Crescent
Condell Park NSW 2200

Telephone: 61-2 9791-0933
Facsimile: 61-2 9791-0837

Email: sales@fallsdell.com.au
Internet: www.fallsdell.com.au

Due to continued improvement, Fallsdell Machinery Pty. Ltd. reserves the right to change the above specifications without notice.

PUNCH POLISHING

Polishing tablet punches takes up valuable time and can be a Health & Safety risk.

I. Holland recognise the considerable value of puches and the importance of keeping them in excellent condition. We are therefore pleased to be able to offer an extensive range of automatic Micro-Fine polishing machines.

Using a simple yet effective process, tablet punches are loaded into specially designed fixtures which are then rotated through a compound of particiles to achieve a Micro-Fine finish. Up to 60 punches can be polished in one cycle (approx. 30 minutes) with consistent results every time.

NEW Pharma range of MF Polishers designed exclusively for the pharmaceutical industry. Encased in stainless steel, this new range offers the benefit of a fully enclosed operational area with a stainless steel hood to contain any dust particles and an optional extractor fan.

The MF Polishers are ideal for use in the punch and die maintenance room offering many benefits including smoother operation and improved efficiency within the tablet press, reduced polishing man-hours and less risk of 'over-polishing'.

PUNCH AND DIE OPTIONS AND ACCESSORIES

Carbide Dies

Multi-Tip Tooling

Seal Groves

PunchBellows and Drip Cups

Storage Boxes

Approve for Windows®

Comparators

iNSPECT for Visual inspection

Versatool Storage Systems

Modular Storage Systems for Pharmaceutical and Neutraceutical Punch & Die Tooling.

Our high quality Versatool storage cabinets and enclosures incorporate a range of alternative inserts to accommodate all types of tablet press punch & die tooling (B,D,F, Kilian & IMA) used in the modern pharmaceutical and nutraceutical environments.
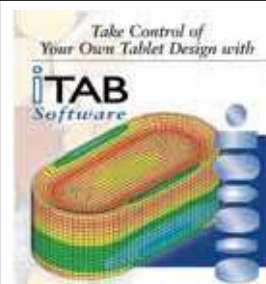
iTAB is I Holland's new "Windows" based tablet design aid that calculates basic tablet parameters and stress analysis for Rounds and Shapes in 3 easy steps.

Users are not required to possess any technical expertise or have any formal training, as iTAB is very user friendly and intuitive throughout.

SPIRAL RIBBON BLENDER

FOR INTIMATE BLENDING OF FOODSTUFFS, CHEMICALS, COSMETICS, PHARMACEUTICALS, ETC.

RIBBON MIXER WITH
STAINLESS STEEL
FRAME

**RUGGEDLY BUILT OF STAINLESS STEEL,
THESE BLENDERS FEATURE THE
FOLLOWING ADVANTAGES:**

- Capacities from 50 to 2,500 kilograms
- Rotors with double-spiral ribbons
- Standard butterfly-valve discharge
- Heavy-duty construction for durability
- Fallsdell's proven hygienic gland assembly
- Lid, internal grill and safety switch are standard on all models

- Wide variety of optional equipment
- Sanitary internal finish with radius corners

OPTIONS
- Stainless steel frame
- Dimple jacketed bowl
- Spray bars

SPIRAL RIBBON BLENDER

PACKING GLANDS: Our specially designed sanitary packaging gland is fitted to all blenders. The gland features an "easy-clean" system that enables the components in contact with the product to be quickly dismantled for sanitary cleaning. When the gland is dismantled a large orifice in the end wall is revealed through which the rotor shaft passes, thus enabling quick and easy cleaning, in this problem area of blenders.
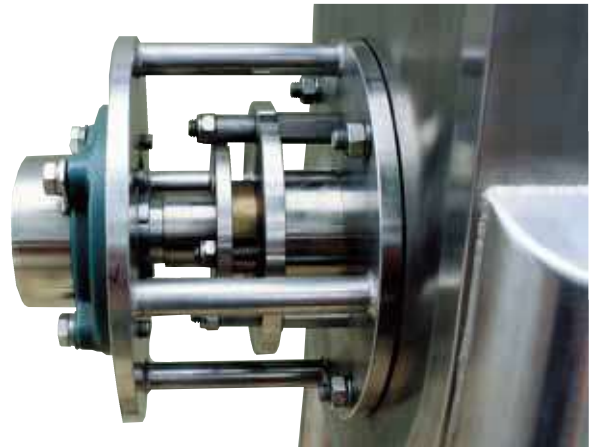
BLENDING TIMES: Fallsdell's tried and proven rotor design ensures quick and efficient blending. Blending times depend entirely on individual mixtures but, generally speaking, lie within the range of 10 to 25 minutes.

The removable Spiral Ribbon rotor with clean, crevice-free design to lessen powder build-up on the ribbon blades.

Principal Dimensions
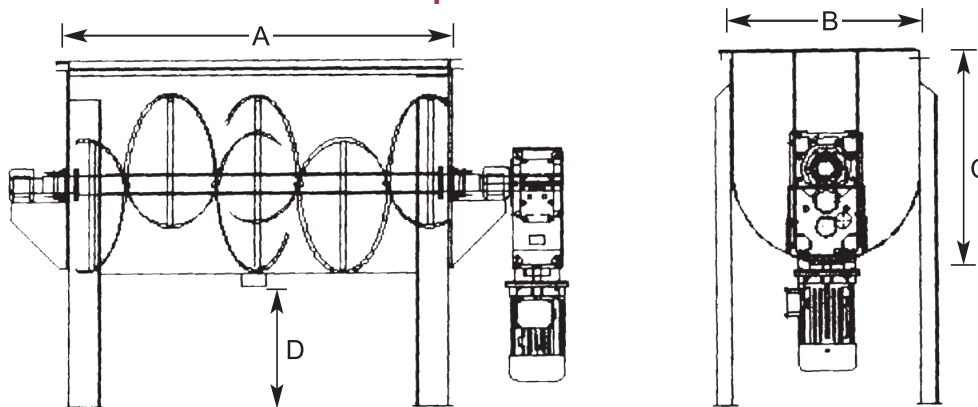
MODEL	L	P	10	20	30	40	60	80	100
VOLUME Litres	50	100	250	500	750	1,000	1,500	2,000	2,500
A(mm)	813	914	1,219	1,829	1,829	1,829	2,438	2,286	2,438
B(mm)	305	381	584	686	762	889	914	1,118	1,219
C(mm)	430	510	710	838	889	1,041	1,067	1,270	1,372
D(mm)	457	457	610	813	914	914	914	914	914
Motor	1.5kW	2.2kW	4kW	7.5kW	7.5kW	11kW	18.5kW	22kW	30kW
Speed	65 rpm	60 rpm	40 rpm	35 rpm	35 rpm	35 rpm	30 rpm	25 rpm	20 rpm

Note: Above capacities are based on mixtures with specific gravity of one (1).
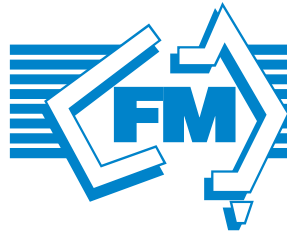
STAINLESS STEEL ROTARY MIXER
WITH STAINLESS STEEL FRAME

Suitable for Mixing Powders, Granules, Slurries, Spices, Dry Fruit and Nut Mix, Roasting Nuts, Coating Products and many more

Features:

- ■ **90 ltr Capacity**
- ■ **316 Stainless Steel Bowl**
- ■ **Full Stainless Steel Frame**
- ■ 0.55kW, 240 Volt single phase motor
- ■ Direct motor / Gearbox drive
- ■ 3 Mixing Baffles
- ■ Tipping Bowl
- ■ Easy Discharge
- ■ Mobile with pneumatic tyres
- ■ Suitable for small batches

New Desgin:

- ■ Shaft mounted direct drive geared motor
- ■ Reduced noise
- ■ No pinion or bevel gears
- ■ Low maintenance gearbox

STAINLESS STEEL ROTARY MIXER
WITH PAINTED FRAME

- Available in 60 ltr or 90 ltr Capacity
- 316 Stainless Steel bowl
- Single phase 240 volt Belt Driven
- Fully welded tube and round bar frame
- Easy maintenance
- Mobile with pneumatic tyres

MADE IN AUSTRALIA

ROTARY MIXER FEATURES

- 3 Removable mixing baffles
- Contoured baffles to ensure mixing of small batches
- 440mm diameter opening
- Heavy duty construction

Options for all versions

- Removable lid
- Larger motor/gearbox
- 3 phase motors
- Custom made mixing bowls

STAINLESS STEEL TABLES & TROLLEYS

MANUFACTURED AND APPROVED TO G.M.P. STANDARDS

FEATURING ALL STAINLESS STEEL CONSTRUCTION

Tables

Dimensions	Code
110 x 60 x 86cm high	**BC18-2211**
170 x 60 x 86cm high	BC18-2217
230 x 60 x 86cm high	BC18-2223
110 x 75 x 86cm high	BC18-2311
170 x 75 x 86cm high	BC18-2317
230 x 75 x 86cm high	BC18-2323

- ■ Cross supports for legs are an option
- ■ Each leg has a nylon end cap and one is height adjustable
- ■ Can be supplied with castors

Dispensary Trolleys

Dimensions	1 Drawer	2 Drawers	4 Drawers
50 x 50 x 90cm high	FB18-0450	FB18-0650	
60 x 50 x 90cm high	FB18-0460	FB18-0660	
70 x 50 x 90cm high	FB18-0470	FB18-0670	
80 x 50 x 90cm high	FB18-0480	FB18-0680	FB18-1080
90 x 50 x 90cm high	FB18-0490	FB18-0690	**FB18-1090**
100 x 50 x 90cm high	FB18-0410	FB18-0610	
110 x 50 x 90cm high	FB18-0411	FB18-0611	
120 x 50 x 90cm high	FB18-0412	FB18-0612	

- ■ Rails: 3 sides standard
- ■ Drawers: 12.5cm deep
- ■ Shelves: 40cm clearance
- ■ Wheels: 10cm standard

FALLSDELL INSTRUMENT TROLLEYS

Instrument Trolleys

Dimensions	No rails	Rails	3 Tier
50 x 50 x 90cm high	**FA18-0050**	**FA18-0250**	**FA18-0150**
60 x 50 x 90cm high	FA18-0060	FA18-0260	FA18-0160
70 x 50 x 90cm high	FA18-0070	FA18-0270	FA18-0170
80 x 50 x 90cm high	FA18-0080	FA18-0280	FA18-0180
90 x 50 x 90cm high	FA18-0090	FA18-0290	FA18-0190
100 x 50 x 90cm high	FA18-0010	FA18-0210	FA18-0110
110 x 50 x 90cm high	FA18-0011	FA18-0211	FA18-0111
120 x 50 x 90cm high	FA18-0012	FA18-0212	FA18-0112

■ Shelves: 48cm clearance   ■ Wheels: 7cm standard   ■ Shelves: 30cm clearance ■ Wheels: 7cm standard

Utility Trolleys

Dimensions	Stainless
60 x 50 x 100cm high	**FL18-4660**

■ Rails: 3 sides standard

■ Drawers: 5 x 10cm & 1 x 25cm deep

■ Wheels: 12.5cm standard, 2 locking

■ Central locking

■ 5 top drawers have removable divided aluminium compartments each with 3 dividers

★ *Custom Trolleys Made-to-order*

Cooling / Airing Table

Dimensions	Code
120 x 60 x 120cm high	FK23-2312

■ Shelves: 35cm clearance

■ Stainless steel open wire shelves

FLOMAX PUMPS

TWO MODELS PROVIDE A CAPACITY RANGE TO OVER
450 litres/min. (27,000 litres/hour)

FLOW GRAPH (water)

FX30

FX50

—— 2880 RPM   — 1440 RPM

FEATURING:

- All wetted parts polished 304 stainless steel
- Simple smooth internal parts for easy flushing and cleaning
- Quick-acting clamps allow stripping in a few seconds — without tools
- Long life shaft seals — trouble free "O" ring body seals
- Outstanding simplicity giving low cost and easy maintenance
- Flange mount direct to metric or imperial electric motors, air motors, hydraulic motors, etc.
- All wetted parts are food quality materials

HEADSET CONFIGURATIONS

A. Plain suction and plain outlet.
B. Plain suction fitted with stainless steel non return valve on the outlet.
C. Plain suction fitted with stainless steel non return valve on the outlet with drain valves on the headset and Delivery line.

EXTRAS

Flomax pumps are also available with inlet and outlet fittings to suit BSP fittings, Sanitary fittings or other fittings as per customer requests.

FX30 with a Stainless Steel Motor (optional)
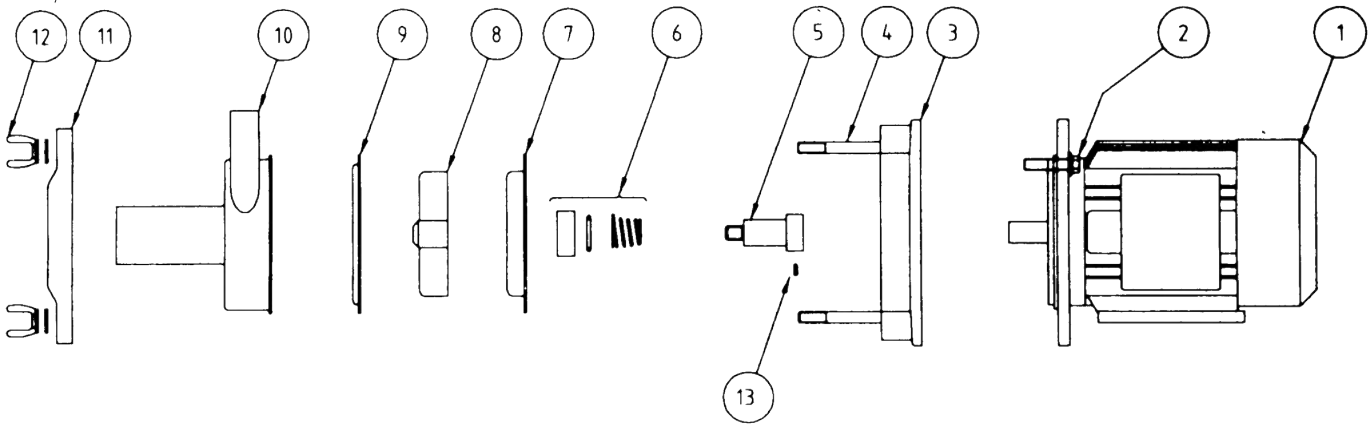
FX-30
32mm Inlet — 25mm Outlet

Ref. No.	Part No.	Product Description
1	CP25	0.37 Kw 3Ph 415v 4 Pole Foot & Flange Motor
1	CP26	0.55 Kw 3Ph 415v 2 Pole Foot & Flange Motor
1	CP27	0.37 Kw 1Ph 240v 4 Pole Foot & Flange Motor
1	CP28	0.55 Kw 1Ph 240v 2 Pole Foot & Flange Motor
2	CP7 & CP8	Motor Flange Stud & Motor Flange Stud Nut
3	CP19/20	Mounting Ring — Narrow 3Ph, 1Ph
4	CP5	Mounting Ring Stud
5	CP9/10	Stub Shaft Short — 3Ph, 1Ph
6	CP4	Mechanical Seal — Standard — FX30 Carbon/Carbon
6	CP4A	Mechanical Seal —Viton Stainless Steel/Carbon
6	CP4ASi	Mechanical Seal — Viton Silicon Carbide
7	CP12	Stainless Steel Back Plate
8	CP21	Stainless Steel Impeller
9	CP13	Body Moulded Seal Ring — Nitrile White
9	CP13A	Body Moulded Seal Ring — Viton
10	CP23	Stainless Steel Front Cover — Plain
11	CP18	Front Cover Bridge Clamp
12	CP6	Wing Nuts — $3/8''$
13	CP11	Stub Shaft Grub Screw

FX-50
50mm Inlet — 25mm Outlet

Ref. No.	Part No.	Product Description
1	CP55	0.75 Kw 3Ph 415v 4 Pole Foot & Flange Motor
1	CP56	1.1 Kw 3Ph 415v 2 Pole Foot & Flange Motor
1	CP57	0.75 Kw 1Ph 240v 4 Pole Foot & Flange Motor
1	CP58	1.1 Kw 1Ph 240v 2 Pole Foot & Flange Motor
2	CP32 & CP33	Motor Flange Bolt & Washer
3	CP48	Mounting Ring — FX50
4	CP5	Mounting Ring Stud
5	CP35	Stub Shaft — 3Ph & 1Ph — FX50
6	CP37	Mechanical Seal — Standard — FX50
6	CP37A	Mechanical Seal —Viton
6	CP37ASi	Mechanical Seal — Viton Silicon Carbide
7	CP38	Stainless Steel Back Plate
8	CP21	Stainless Steel Impeller
9	CP13	Body Moulded Seal Ring — Nitrile White
9	CP13A	Body Moulded Seal Ring — Viton
10	CP41	Stainless Steel Front Cover — Plain
11	CP46	Front Cover Bridge Clamp
12	CP6	Wing Nuts — $3/8''$
13	CP11	Stub Shaft Grub Screw

FALLSDELL MACHINERY PTY. LTD. & A&D Weighing

ACN 002 222 175 (Incorporated in N.S.W.)

Machinery Merchants & Engineers Servicing the Food, Chemical, Cosmetic, Pharmaceutical & Allied Trades

ACHIEVES THE PERFECT BALANCE

HV-G/HW-G Series

- Triple Range for Best Accuracy at all Loads
- Large and Clear Display
  LCD for HV-GL and HW-GL
  VFD for HV-GV and HW-GV
  Digit Height: LCD 25 mm & VFD 20 mm
- Basework Water and Dust Resistant to IP-65
- Comparator Function
- Comparator Buzzer with Option OP-03
- Setpoint Control for Simple Batching
- Tilting Meter Head
- Standard Bi-Directional RS232C
- Data Transfer Options Available
- Counting & Percentage Function
- M+ Function for Totalising Weighing Data
- Optional Dot Impact Printer on VFD types

High Capacity Platform Scales

- Unique and Portable Design
- Low Profile for Ease of Loading
- Mechanical Overload Protection
- Removable Display Head
- Stainless Steel Weighing Pan
- Easy-to-Read Liquid Crystal Display
- Full Digital Calibration

Model	Capacity	Resolution	Dimensions
*AD-300KA4	300 kg	0.1 kg	600 x 700 mm
AD-600KA4	600 kg	0.1 kg	600 x 700 mm

Model	Capacity	Resolution	Display LCD	Display VFD	Power
*HV-15KGV	3/6/15 kg	1/2/5 g		•	AC
*HV-15KGL	3/6/15 kg	1/2/5 g	•		AC adaptor / 6 x 'D'
*HV-60KGV	15/30/60 kg	5/10/20 g		•	AC
*HV-60KGL	15/30/60 kg	5/10/20 g	•		AC adaptor / 6 x 'D'
*HV-200KGV	60/150/220 kg	20/50/100 g		•	AC
*HV-200KGL	60/150/220 kg	20/50/100 g	•		AC adaptor / 6 x 'D'

Model	Capacity	Resolution	Display LCD	Display VFD	Power
HW-10KGV	10 kg	1 g		•	AC
HW-10KGL	10 kg	1 g	•		AC adaptor / 6 x 'D'
HW-60KGV	60 kg	5 g		•	AC
HW-60KGL	60 kg	5 g	•		AC adaptor / 6 x 'D'
HW-100KGV	100 kg	10 g		•	AC
HW-100KGL	100 kg	10 g	•		AC adaptor / 6 x 'D'
HW-200KGV	220 kg	20 g		•	AC
HW-200KGL	220 kg	20 g	•		AC adaptor / 6 x 'D'

Washdown Scales

FSi Series

- Full Stainless Steel Construction
- Analogue Sweep Display
- Waterproof to IP65 standard
- Dual Range for Best Weighing Accuracy
- Built-in Comparator with 8 Slot Memory
- 3 Operating Modes — Normal, Target, Checkweigh
- Large Digit Liquid Crystal Display
- Powered by Dry Batteries (KA versions) or Optional AC adaptor
- KB versions have Back Lit LCD

SC Series

- Trade Approved
- Water/Dust Proof
- Corrosion resistant load cell
- Battery Operated
- S/Steel frame and pan
- Trade approval

Model	Capacity	Resolution	Pan Size
FS6KI	6 kg	0.002kg	250 x 250 mm
FS15KI	15 kg	0.005kg	250 x 250 mm
FS30KI	30 kg	0.01kg	380 x 300 mm

Model	Capacity	Resolution	Pan Size
SC-30KAM	30 kg	10 gm	300 x 543mm
SC-60KAM	60 kg	20 gm	300 x 543mm
SC-150KAL	150 kg	50 gm	300 x 543mm
SC-60KAL	60 kg	20 gm	390 x 530mm
SC-150KAL	150 kg	50 gm	390 x 530mm

GX-GF Series — Precision Top Loading/ Multi-Function Balance

- Automatic and One-Touch Calibration GX
- Full Digital Calibration GF
- Percentage and Counting Functions GF
- Auto RE-Zero Function GF
- GLP Compliance
- Large, square weighing pan
- Multiple Weighing Units
- One Touch Environmental Filters
- Standard RS232C Interface

NSC approved versions available

Model	Capacity	Resolution	Pan Size
GX-200	210 g	0.001 g	128 x 128 mm
GX-400	410 g	0.001 g	128 x 128 mm
GX-600	610 g	0.001 g	128 x 128 mm
GX-800	800 g	0.001 g	128 x 128 mm
GX-1000	1000 g	0.001 g	128 x 128 mm
GX-2000	2100 g	0.01 g	165 x 165 mm
GX-4000	4100 g	0.01 g	165 x 165 mm
GX-6100	6100 g	0.01 g	165 x 165 mm
GX-8000	8100 g	0.01 g	165 x 165 mm
GF-300	310 g	0.001 g	128 x 128 mm
GF-400	410 g	0.001 g	128 x 128 mm
GF-1200	1210 g	0.01 g	165 x 165 mm
GF-3000	3100 g	0.01 g	165 x 165 mm
GF-4000	4100 g	0.01 g	165 x 165 mm
GF-6000	6100 g	0.1 g	165 x 165 mm
GF-6100	6100 g	0.01 g	165 x 165 mm

GX-GF-K Series – IP65 Rated – Precision Top Loading/Multi-Function Balance

- Automatic and One-Touch Calibration GX-K
- Full Digital Calibration GF
- Percentage and Counting Functions GF
- Auto RE-Zero Function GF
- GLP Compliance
- Large, square weighing pan
- Multiple Weighing Units
- One Touch Environmental Filters
- Standard RS232C Interface

NSC approved versions available

Model	Capacity	Resolution	Pan Size
GX-8K	8100 g	0.01 g	210 x 270 mm
GX-8K2	2000/8100 g	0.01/0.1 g	210 x 270 mm
GX-10K	10100 g	0.01 g	210 x 270 mm
GX-20K	20000 g	0.1 g	210 x 270 mm
GX-30K	30000 g	0.1 g	210 x 270 mm
GF-8K	8100 g	0.01 g	210 x 270 mm
GF-10K	10100 g	0.01 g	210 x 270 mm
GF-12K	12000 g	0.1 g	210 x 270 mm
GF-30K	30000 g	0.1 g	210 x 270 mm

SJ-HS Series — Compact Balance

- Stinless steel weighing pan
- Low Profile and Small Footprint
- Battery or A/C Power
- Multiple weighing units, g, lb, oz and lb-oz.
- Trade approved versions available

Model	Capacity	Resolution	Pan Size
SJ-1000HS	1000 g	0.5 g	230 x 190mm
SJ-2000HS	2000 g	1 g	230 x 190mm
SJ-5000HS	5000 g	2 g	230 x 190mm
SJ-12KHS	12 kg	5 g	230 x 190mm
SJ-5001HS	5000 g	1 g	230 x 190mm
SJ-20KHS	20 kg	10 g	230 x 190mm
SJ-30KHS	30 kg	20 g	230 x 190mm

EK-EK-*i* Series High Resolution - Compact Balance

- Hold Function for Animal Weighing H
- Full Digital Calibration I
- Standard RS-232C Serial Interface I
- Standard Comparator Function [HI/OK/LO Annunciator]
- 9 Built-in Weighing Units
- GLP Compliant
- Portable, Compact, Rugged Design
- Large Wide Angle LCD [16mm]

NSC approved versions available

Model	Capacity	Resolution	Pan Size
EK-410i	400 g	0.01 g	110 mm dia
EK-610i	600 g	0.01 g	110 mm dia
EK-3000i	3000 g	0.1 g	133 x 170 mm
EK-4100i	4000 g	0.1 g	133 x 170 mm
EK-6100i	6000 g	0.1 g	133 x 170 mm
EK-6000i	6000 g	1 g	133 x 170 mm
EK-12Ki	12000 g	1 g	133 x 170 mm

EW-*i* Series — Compact Personal Balance

- Compact and Light Weight
- Clear, Wide Angle Back Lit LCD
- Triple Range
- Full Digital Calibration
- Percentage, Counting and Comparator
- Overload Protection
- Standard RS-232C Serial Interface
- Optional Rechargeable Battery

Model	Capacity	Resolution	Pan Size
EW-150i	30/60/150 g	0.01/0.02/0.05 g	ø 110 mm
EW-1500i	300/600/1500 g	0.1/0.2/0.5 g	133 x 170 mm
EW-12Ki	3000/6000/12000 g	1/2/5 g	133 x 170 mm

SK-WP Series — Compact Balance

- Large Easy-to-Read Wide Angle LCD
- Full Digital Calibration
- Portable Operation with 6 x 'DD' Batteries
- Low Battery Indicator
- Auto Power Off
- Light Weight and Easy to Handle
- Net Weight and Stability Indicators
- Separate keys for Power and Re-Zero
- AC Adaptor Optional

NSC approved versions available

Model	Capacity	Resolution	Pan Size
SK-1000	1000 g	0.5 g	230 x 190 mm
SK-2000	2000 g	1 g	230 x 190 mm
SK-5000	5000 g	2 g	230 x 190 mm
SK-5001	5000 g	1 g	230 x 190 mm
SK-10K	10 kg	0.005 kg	230 x 190 mm
SK-20K	20 kg	0.01 kg	230 x 190 mm

Semi-Micron/Analytical Balance

- One Touch, Fully Automatic Self Calibration
- Easy Access Door
- Splash Proof Keyboard and Display
- Advanced Stabilisation Software
- Automatic Adjustable Environment Setting
- Multiple Weigh Units
- GLP Compliance
- Standard RS-232C Communication with PC
- Standard Underhook
  WinCT: CD ROM as a standard accessory

Model	Capacity	Resolution	Pan Size
GR-202	210/42 g	0.1/0.01 mg	ø 85 mm
GR-200	210 g	0.1 mg	ø 85 mm
GR-300	310 g	0.1 mg	ø 85 mm
GH-252	101/250 g	0.01/0.1 mg	ø 90 mm

HCi Series — Counting Scales

- Automatic Counting Accuracy Improvement
- 10 Keypad for Simple Data Entry
- M+ Memory Accumulation Mode
- Built-in Comparator Function

Model	Description	Dimensions
HC-3Ki	3 kg, (Min Piece Weight .005 g)	300 x 210 mm
HC-6Ki	6 kg, (Min Piece Weight .01 g)	300 x 210 mm
HC-15Ki	15 kg, (Min Piece Weight .02 g)	300 x 210 mm
HC-30Ki	30 kg, (Min Piece Weight .05 g)	300 x 210 mm

FXi/Fxi - WP Precision Balance Series

- IP65 rated - WP versions
- Fast stabilization speed – just 1 second
- Large bright Vacuum Fluorescent Display
- Shock absorber function
- Statistical calculation function
- Multiple weighing units
- GLP, GMP, GCP, ISO compliant
- Counting function with ACAI
- Auto Power ON/OFF function
- Under hook for suspended weighing
- RS232 Data Interface
- Internal Calibration (F2i versions)

FXi/Fxi - WP Series

Model	Capacity	Resolution	Pan Size
FX-300i	320g	0.001gm	130mm ø
FX-500i	520g	0.001gm	130mm ø
FX-3000i	3200g	0.01g	150mm ø
FX-5000i	5200g	0.01g	150mm ø
FX-300iWP	320g	0.001g	130mm ø
FX-3000iWP	3200g	0.01g	150mm ø

Moisture Analyser

- Fast & Uniform Heating
- Halogen Heating Lamp
- SRA - Secondary Radiation Assist Technology
- High Repeatability 0.01% (Std. Devn.)
- Standard WinCT-Moisture Software
- Sodium Tartrate Dihydrate sample for Accuracy Check
- Heater Temperature Calibration MX
- Memory Function
- Four Measurement Programs
- Clear & Easy To Read VFD Display

Model	Capacity	Resolution	Pan Size
MX-50	1~51 g	0.001 g	ø 85 mm
MF-50	1~51 g	0.002 g	ø 85 mm
ML-50	50 g	0.005 g	ø 85 mm
MS-70	70 g	0.0001 g	ø 85 mm

FCI Series — Counting Scales

- Internal Resolution 1/1,000,000
- High Display Resolution
- Automatic Counting Accuracy Improvement
- Store and Retrieve up to 500 ID Units and Tare Weights
- Additional Remote Platform Option
- Built-in RS-232
- Two-Key Operation for Ease-of-Use
- Programmable Data String

Model	Pan Size
FC-500Si 500 g (min piece weight 0.00005 g)	128 x 128 mm
FC-5000Si 5000 g (min piece weight 0.0005 g)	165 x 165 mm
FC-5000i 5000 g (min piece weight 0.001 g)	300 x 280 mm
FC-10Ki 10 kg (min piece weight 0.01 g)	300 x 280 mm
FC-20Ki 20 kg (min piece weight 0.02 g)	300 x 280 mm
FC-50Ki 50 kg (min piece weight 0.05 g)	300 x 280 mm

GP Series — Industrial Precision Balance

- Very Fast Response Using Super Hybrid Sensor
- Swing Arm Display
- Water and Dust Resistant - IP65 Standard
- Time and Date from Internal Clock
- Standard RS232C Interface for Printer or Computer
- Comparator with HI / OK / LO Indication
- GLP / GMP / ISO Compliant
- Accumulation of Weighing Results
- Internal Calibration by Motor Driven Mass
- Supplied complete with WinCT Free Software Package
- NSC approved versions available
- *Detachable display units available*

Model	Capacity	Resolution	Pan Size
GP-12KA	12 kg	0.1 g	384 x 344 mm
GP-20KA	21 kg	0.1 g	384 x 344 mm
GP-32KA**	6.1/31 kg	0.1/1 g	384 x 344 mm
GP-30KA**	31 kg	0.1 g	384 x 344 mm
GP-61KA**	61 kg	0.1 g	384 x 344 mm
GP-40KA**	41 kg	0.5 g	384 x 344 mm
GP-100KA	101 kg	1 g	386 x 346 mm
GP-102KA	61/101 kg	1/10 g	386 x 346 mm

EK - EP Series, IECEx Intrinsically Safe Balances

- Easy Read LCD Screen
- Stainless steel pan and top cover
- Counting Feature
- Built in Comparator
- Battery Operated

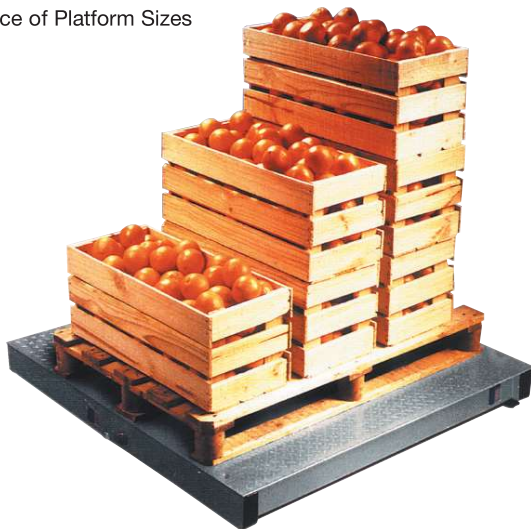| Model	Capacity	Resolution	Pan Size
EK-300EP	300gm	0.01gm	110 mm
EK-3000EP	3000gm	0.1gm	133 x 170mm
EK-12KEP	12kg	1gm	133 x 170mm

AD 8121 — Statistical Printer

- Statistical Software
- Print Interval Timer
- Calendar Functions
- Graph Printing Capability
- Accepts RS232C or Current Loop
- Impact Dot Matrix Mechanism
- Graphic Plotting Included
- Large Paper Roll in Holder

Pallet Scales

- Standard Models 1500 kg and 3000 kg
- Very Low Profile Design
- Optional Loading Ramps
- Strong Construction Allows Capacities to 10 tonne
- Drop Centre Model Available to Order
- Galvanised Frame and Platform
- Choice of Indicators from the Extensive A&D Range
- Certified for Trade
- Choice of Platform Sizes

SF - KA / SF-KB Series Retail Scales

- Dual Rang for Maximum Accuracy
- Liquid crystal or Vacuum Fluorescent display
- Stainless steel weighing Pan
- 30 slot price lookup memory

Model	Capacity	Resolution	Pan Size
SF - 6	3kg/6kg	1/2gm	300 x 280mm
SF - 15	6kg/15kg	2/5gm	300 x 280mm
SF - 30	15kg/30kg	5/10gm	300 x 280mm

Price Computing Scales

- Shock and Overload Protected
- Splashproof Keyboard and Display
- Battery Operation Available
- Dual Range for Best Weighing Accuracy

- Choose from 6 kg/15 kg/30 kg Capacity
- Efficient & Intuitive Operation Gives Fast Checkout Times
- Large Wide Angle Liquid Crystal Display
- Stores 12 Price Look Ups
- Large Stainless Steel Weigh Pan

High Mount Display – SF Model

Model	Capacity	Resolution	Pan Size
*SG-6KA	3 / 6 kg	1 / 2 g	300 x 280 mm
*SG-15KA	6 / 15 kg	2 / 5 g	300 x 280 mm
*SG-30KA	15 / 30 kg	5 / 10 g	300 x 280 mm

FALLSDELL MACHINERY PTY. LTD. are Authorised A&D Weighing Dealers.
To obtain further information, comprehensive brochures and prices from the complete range of A&D Weighing Scales and Balances, contact:
FALLSDELL MACHINERY Pty. Ltd.

Due to continued product improvement, Fallsdell Machinery P/L reserves the right to change the above specification without notice.

*NSC Version Available

FALLSDELL MACHINERY PTY. LTD.
(Incorporated in N.S.W.)
Machinery Merchants & Engineers Servicing the Food, Chemical, Cosmetic, Pharmaceutical & Allied Trades

& A&D Weighing

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