# USER MANUAL
# PALLET WRAPPER
# POWER PRE-STRETCH
# 315

**Machine Service / Breakdown: 02 9452 3566**

**<u>or</u> sales@getpacked.com.au**

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# General Information

## 1.    Technical Data

### 1.1.    Standard Pallet Dimension
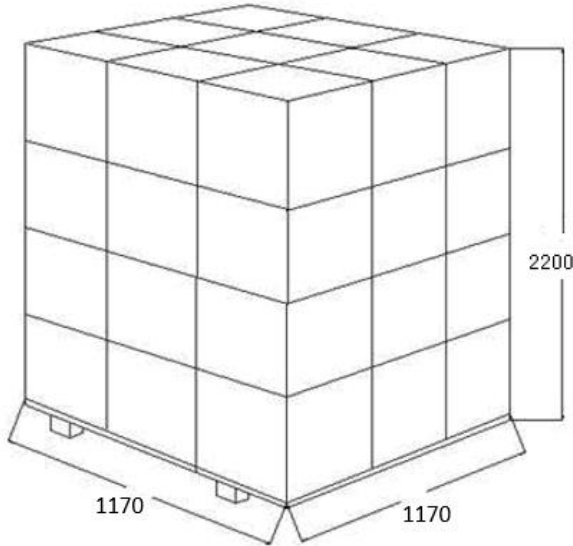


**1.2    Turntable Capacity 2000Kg(max)**

Maximum weight of the load should not exceed 2000kg.
If load limit exceeds, then machine's life span will be shortened.

**1.3    Power Requirements        240VAC 50Hz Single Phase
(designed to plug into a standard 10A outlet)**

*It is recommended that a dedicated circuit be used for powering

the machine, to reduce nuisance tripping due to power

consumption of other appliances plugged into the same circuit.

To avoid voltage drop issues we do not recommend the use of

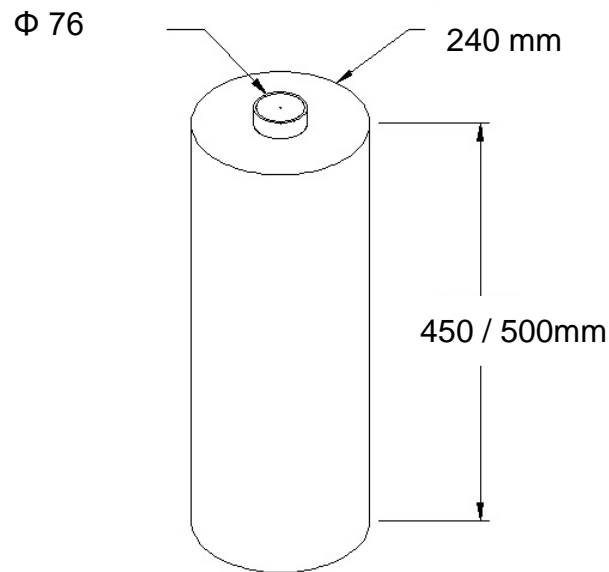long extension leads.

**1.4    Power:                1.8 kW**

**1.5    Factory set Turntable speed:    10rpm**

**1.6    Turntable diameter:        1650mm**

**1.7    Machine Weight        600Kg**

## 1.8  Packing Materials

| | |
|---|---|
| Material | stretch film |
| Width | 450 / 500mm |
| Thickness | 8-35μm |
| Inner Core | 76.2mm |
| Outer-Dia. | ≤240 mm |

Φ 76      240 mm

450 / 500mm

# 2.    Installation

**2.1**    Installation work must be carried out by the qualified technicians.

**2.2**    Please use the suitable transportation means, when moving the machine to its installation location.

Forklift Tube

**2.3**   Minimum safety clearance for machine installation.

Min. distance between wall and the machine should be 1000mm ~ 1meter

All units are in millimetres

1000

1000

1000

Base of machine

1000
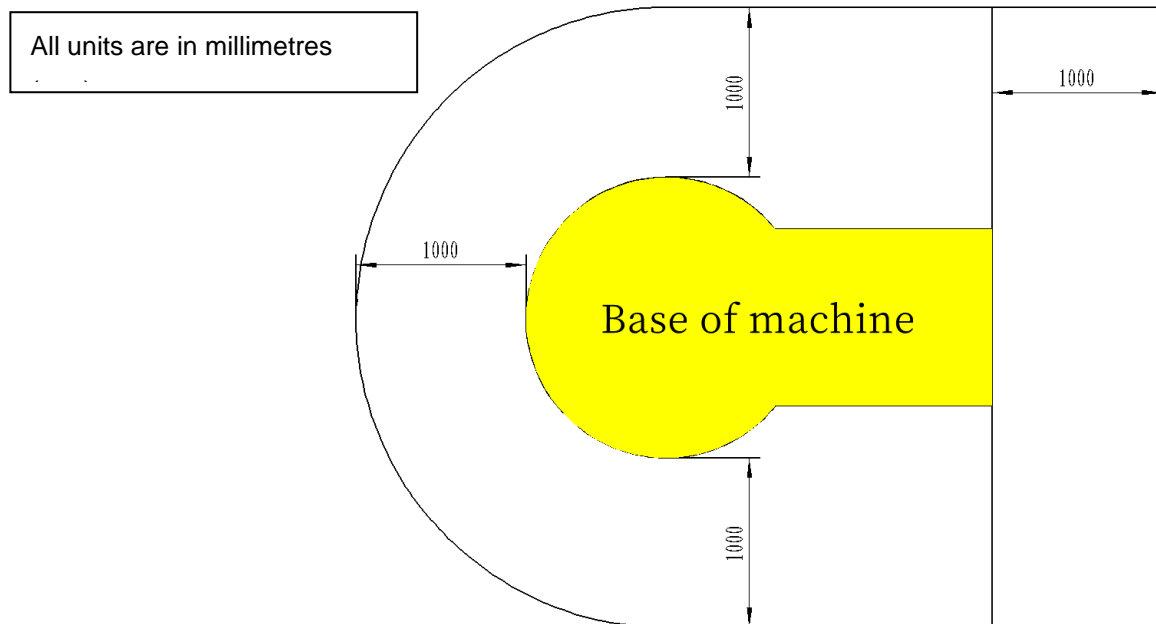
**2.4**.   This machine should be installed in a dry and clean place where there will be no dust, no leakage, and no chemical preparation of flammable, explosive or other corroding chemicals.

The surrounding temperature should be in a range from 10 $^{\circ}$C to 50$^{\circ}$C.

**2.5   Mechanical parts assembly**

**2.5.1**   Place the machine on a level floor.

**2.5.2**   Install the ramp on the same level as the machine.

Make sure that there will be enough space for forklift to run on ramp safely.

## 3. Control Panel:

COUNTER

Power on        Service

Carriage Speed        Film Tension

Carriage Jog        Top/Bottom Wraps

Raise    lower        1   2   3

Turntable Jog        Wrap Cycle

1   2   3

Auto-Start        Pause/Reset
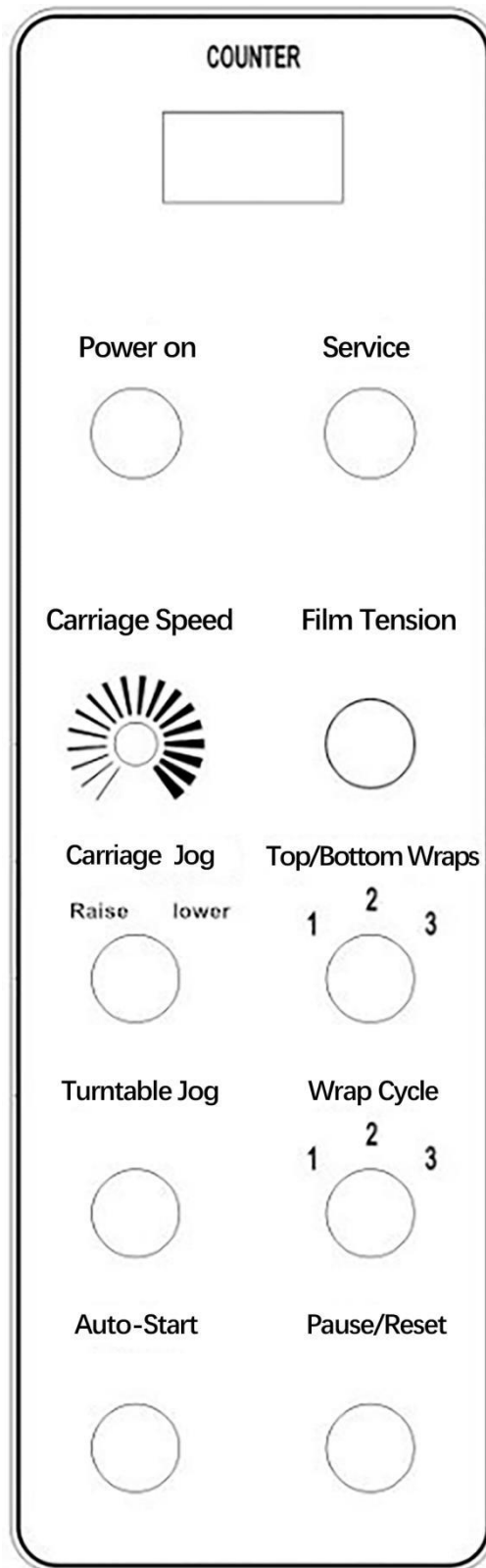
# Control Panel Operation

*Please refer to Picture of the Operating Panel*

**1. Counter:**  The counter is a permanent record of how many cycles the machine has completed.

**2. Carriage speed:**  This adjustable pot allows adjusting the speed of carriage manually. Markings on the Carriage speed pot will allow you to set the desired carriage speed.
Customer will adjust the carriage speed to obtain the desired film overlap suited for their product.

**3. Film Tension:**  This adjustable pot allows adjusting the film tension manually. Markings on the pot will allow you to set the desired film tension.
Customer will adjust the tension to obtain the desired film tension suited for their product.

**4. Carriage Jog(Raise/Lower):**  In stop condition of machine, this switch allows the film carriage to be raised or lowered manually. While continuing to hold the switch left the film carriage will raise until the carriage strikes top limit block and stops. While continuing to hold the switch right the film carriage will lower until the carriage strikes to bottom limit block and stops.

**5. Turntable jog:** In stop condition of machine, the turntable jog button allows the turntable to be manually rotated.

**6. Auto-Start：** After setting film carriage and turn table to its home position, press Auto-start button to start wrapping.

**7. Pause/Reset:** 1) Press the Pause/Reset button to reset the machine so that film carriage or turntable will reset to home position.

2) By pressing the Pause/Reset button during Auto-start mode, the machine will be paused.

By pressing Auto-start button again to restart the cycle (while the machine is at pause position) the turntable will take approximately 2 turns before the carriage raises or lowers to complete the cycle.

**8. Top / Bottom Wraps:** This allows the operator to select the number of wrap at the top & bottom of the product. (eg:**1** represent "top & bottom wrap **one time** ", **2** represents "top & bottom" wrap **two times** & **3** represents "top &bottom " wrap **three times**).

**9. Wrap cycle:** There are three wrap cycles.

When the toggle switch is **"ON",** means we set the machine to wrap the top of the load in last. The wrap cycle will wrap the load as follows:
**Note: Toggle Switch should be operated by authorized personnel only.**

**1= One Way Wrap**

Set the Wrap Cycle to 1 by using Wrap Cycle switch on control panel, then press the Auto Start push button; once pushed, the turntable will start to rotate and ramping up to the set point speed. The turntable will continue to rotate and count the bottom wraps once the bottom wraps have been counted the carriage will begin to move up according to carriage up speed that has been set. Unless the Photo Electric sensor senses the top of the load, the carriage will continue to move up, once Photo Electric senses the top, for time duration, the carriage will stop moving further up. The turntable will continue to rotate and count the top wraps, once top wraps have been counted the turntable ramps down and stops in the home position. Press the Reset button to return the carriage down to the home position – Cycle complete.

## 2= Two Way Wrap

Set the Wrap Cycle to 2 by using Wrap Cycle switch on control panel, then press the Auto Start push button; as the machine is set to wrap the top part of the load in last, the turntable will start to rotate and ramping up to the set point speed. The turntable will continue to rotate and count the bottom wraps once the bottom wraps have been counted the carriage will begin to move up according to carriage up speed that has been set. Unless the Photo Electric sensor senses the top of the load, the carriage will continue to move up, once Photo Electric senses the top, for time duration, the carriage will stop moving further up. The turntable will continue to rotate and count the top wraps, once top wraps have been counted the carriage begins to move down according to carriage down speed that has been set. Once the carriage stops at the home position, turntable then ramps down and stops in the home position – Cycle complete.

## 3= Two Way Wrap with stop at top for top sheet application
Set the Wrap Cycle to 3 by using Wrap Cycle switch on control panel, then

press the Auto Start push button ; as the machine is set to wrap the top part of the load in last, the turntable will start to rotate and ramping up to the set point speed. The turntable will continue to rotate and count the bottom wraps, once the bottom wraps have been counted the carriage will begin to move up according to carriage up speed that has been set. Unless the Photo Electric sensor senses the top of the load, the carriage will continue to move up, once Photo Electric senses the top, for time duration, the carriage will stop moving further up. The turntable will ramp down and stops at the home position. Now place the top sheet over the load. When top sheet placed, press the Auto-start button again; the turntable will start to rotate and ramping up to the set point speed. The turntable will continue to rotate and count the top wraps, once the top wraps have been counted the carriage will begin to move down according to carriage down speed. Once the carriage stops at bottom, turntable then ramps down and stops in the home position – Cycle complete.

When the toggle switch is **"OFF",** means we set the machine to wrap the top of the load first. The wrap cycle will wrap the load as follows::

**Note: Toggle Switch should be operated by authorized personnel only.**

| | |
|---|---|
| **Emergency Stop:** | Emergency Stop is a Push-Pull, self-lock button. Push in to lock and rotate clockwise to release.  When the button is pushed in, the machine will stop immediately. |
| | **Note!** |
| | **After the Emergency Stop Button has been pressed in, wait for one minute before releasing the button. This time will allow the electrical components to reset.** |

**If the machine does not restart after the Emergency Stop Button has been released, then turn the machine off for one minute and then restart it.**

# 4.    Usage

## 4.1 Loading the film roll
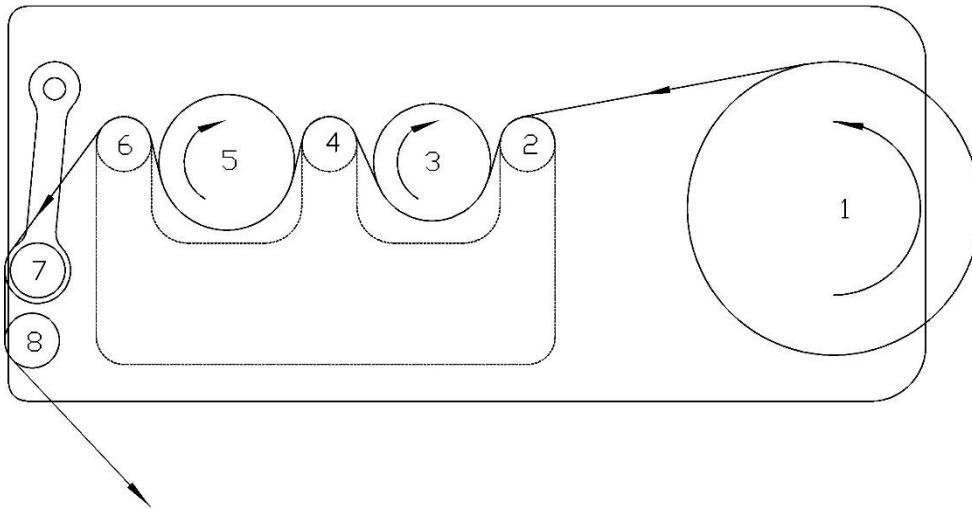
Locking Screw

Spring Loaded
System

Reel Holder

**4.1.1** Back off the locking screw and raise the spring load system.

**4.1.2** Place the film on the reel holder.

**4.1.3** Push down the spring load system and tighten the locking screw.

## 4.2 Threading Film in Stretch Unit:



1. Film roll    2,4,6. Door guiding roller   3. Brake roller  5.Stretch roller
7. Dancer arm    8. Guiding roller

**4.2.1**  Place the film roll on the reel holder with the film coming off the back of the reel.

**4.2.2**  Pull out approximately one meter of film and pass it in front of the guiding rollers, then behind the rubber rollers as shown in above figure.

**4.2.3**  Pull the length of film from the stretch unit and attach to the pallet.

**Note:** Always pull the film smoothly from the stretch unit. Do not tug with excessive force.

### 4.3    Load height detection

The photo electric eye is fitted to the film carriage that will automatically detect the height of the load. There are also manually adjustable limit blocks, which defines the top and bottom height to photo-electric eye.

## 5.    Test Machine Steps

Before starting the wrap test and load set-up, make sure that you have read and understood the manual and familiar with all the functions of this machine. After the machine has been correctly installed in its designated operating location and is ready for initial testing, please follow these steps before wrapping.

Step 1      Turn on the power, make sure Emergency Stop is released.

Step 2      Test the turntable by activating the Turntable jog switch. Check if the turntable is running correctly. If there is no problem, continue to jog the turntable around until it is back to its designated home position.

Step 3      Manually operate the film carriage up. Make sure the direction is correct, and that the limit switch stops the carriage.

Step 4      Manually operate the film carriage down, Make sure the direction is correct, and that the limit switch stops the carriage.

Step 5      Load the film roll and thread the film to make sure the film stretch unit is operating correctly (See notes on threading the film).

Step 6      Attaching the film at the bottom of the load.

Step 7       Set the desired number of Top wraps, Bottom Wraps & Wrap Cycle.

Step 8       Press the Auto-start button and check the machine operation.
            **Note:** The machine will not start if the film carriage is off home position. Press Reset/Pause button to set film carriage to its home position.

Step 9    If all is correct, you may now begin wrapping your products. Please refer to the appropriate sections of this manual for any changes to any settings.


# 6.    Maintenance

It is recommended that all service work is carried out by a HMPS authorized service technician.

Before undertaking any maintenance job, make sure that the power is

**<u>OFF and UNPLUGGED</u>**


6.1    Periodically apply grease to: The turntable and carriage chains. If the film carriage vibrates during the up & down process, tighten the chain.


6.2    The turntable chain needs to be tight for a smooth operation. Remove the turntable motor cover, loosen the four bolts on the mounting plate and adjust tensioning screw until you achieve the required tension. Tighten bolts on the mounting plate and replace turntable motor cover.

# 7.    Additional Instructions

## 7.1    Turntable

In the first auto-start process, if the turntable is not at the home position, the machine will start running, but the turntable will stop at the home position after the wrap is finished.

## 7.2    Limiting Block

The limiting block is clamped by the cap head screw and can be moved between the upper fixed location-limiting block and the lower one to meet the requirements of the client when the function of the height-measuring photoelectric eye is contained.
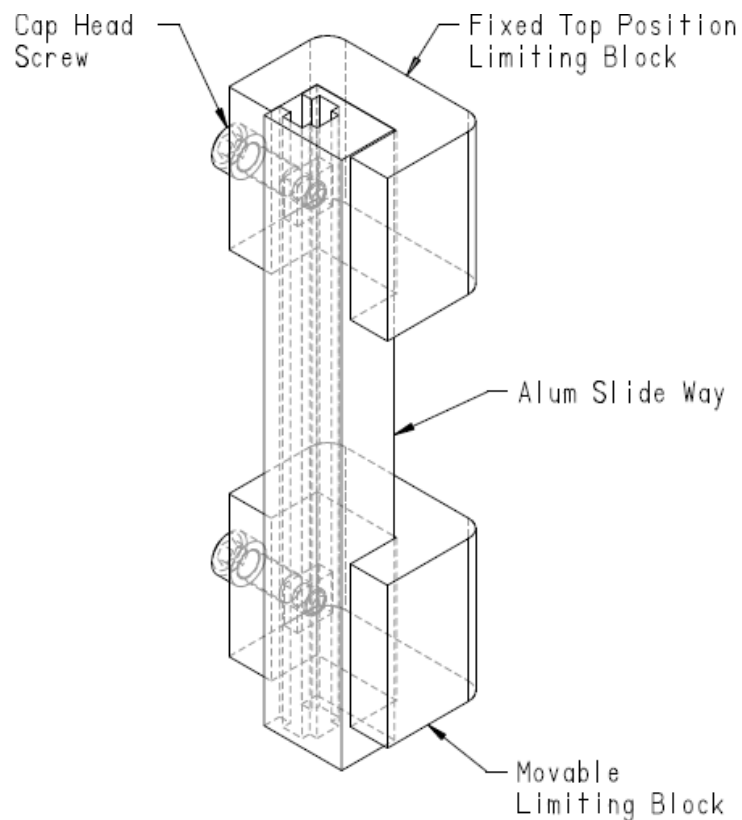
## 7.3    Photo-Eye

The photo eye will be ineffective under following circumstances;

a) The sun or halogen lights,

b) If the goods are coloured glass items

c) Items with low reflection Black,

d) Items with large space between their components and transparent items,

In these conditions, the photoelectric eye should be adjusted in accordance with the methods described later. If described method does not work, then use the spare location-limiting block, the effect of using spare location-limiting block will be same as or even better than that of the height-measuring by the photo eye.

The photo eye has already been adjusted prior to leaving the manufacturer; it also can be re-adjusted in case of the following:

If the photo eye cannot sense and measure the goods, adjust the direction of the eye properly until the eye senses the center of the goods. If this method does not work, open the cover of the photoelectric eye to adjust the sensing and measuring distances. Turn the _Sensitivity adjustor_ clockwise towards _MAX_ until the eye senses and measures soundly.

A red LED will illuminate when the photo eye senses the product.

## 8. Mechanical Spare Parts List

### 8.1 Film Head Drawing
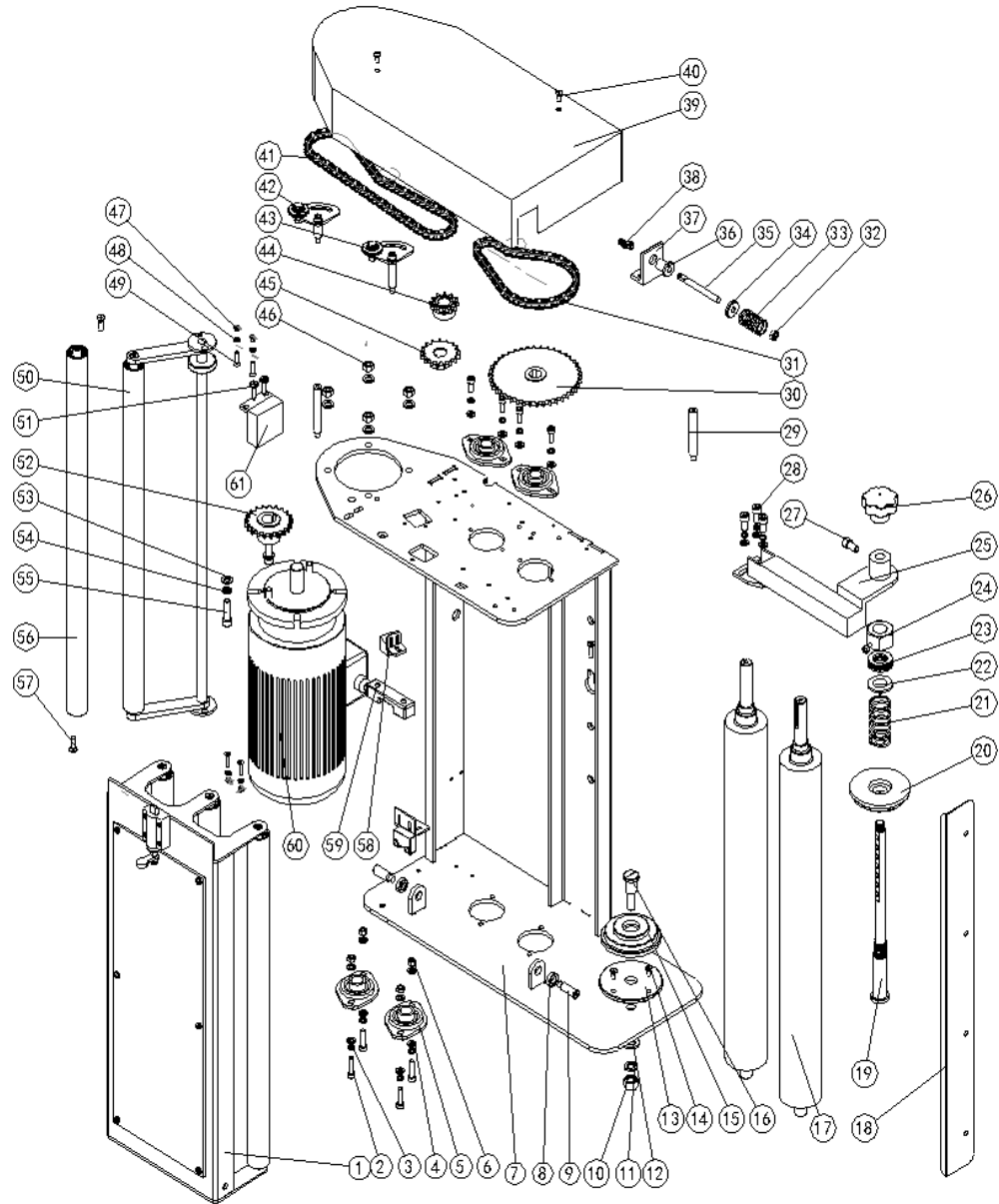


### Film Head Parts List   SMIP1A

| No | Part No. | ERP | Description | Qty |
|----|----------|-----|-------------|-----|
| 1 | 01300618 | SM010J07 | Door ASSY | 1 |
| 2 | ---- | GB/T 70.1-2000. | M6x16 Hex socket head screw | 12 |
| 3 | ---- | GB/T 93-1987.6 | Flat washer 6 | 10 |
| 4 | ---- | GB/T 95-2002.6 | 6mm Spring washer | 10 |
| 5 | 01300619 | GB/T 3882.CL90203 | Ball bearing & flanges CL90203 | 4 |

| 6 | ---- | GB/T 41-2000.M6 | M6 Hex Nut | 7 |
|---|---|---|---|---|
| 7 | 01300620 | SMIP1A01 | Film head frame weld | 1 |
| 8 | 01300621 | GB/T6172.1-2000.M12 | M12 Hex nut | 2 |
| 9 | 01300622 | GB/T 79-2000 | M12x35 Slotted head lock screw | 2 |
| 10 | 01300503 | GB/T 41-2000.M12 | M12 Nut | 1 |
| 11 | 01300504 | GB/T 93-1987.12 | 12mm Spring washer 12 | 1 |
| 12 | 01300505 | GB/T 95-2002.12 | 12mm Flat washer 12 | 1 |
| 13 | 01300446 | SM010A20 | Wear plate | 1 |
| 14 | ---- | GB/T 819.2-1997 | H-Cross countersunk screw M5X12 | 4 |
| 15 | 01300506 | SMIP0J03 | Film holder bottom seat | 1 |
| 16 | 01300507 | SM010A18 | Location screw | 1 |
| 17 | 01300525 | SM010A11-IP | Brake & Stretch roller | 2 |
| 18 | | WP1107 | Guard Plate | 1 |
| 19 | 01300502 | SM010A14 | Adjusting bolt | 1 |
| 20 | 01300508 | SMIP0J02 | Film Holder top seat | 1 |
| 21 | 01300510 | SM010A16 | Clamp spring | 1 |
| 22 | 01300509 | SM010A15 | Spring location sleeve | 1 |
| 23 | 01300171 | GB/T 301-1995 | Thrust ball bearing 51104 | 1 |
| 24 | 01300512 | GB/T 41-2000 | M18 Hex Nut | 1 |
| 25 | 01300623 | SMLS0A06 | Film arm top support | 1 |
| 26 | 01300309 | CM12X50 | Star grip knob | 1 |
| 27 | 01300064 | CM8X32X16 | Brake Knob handle | 1 |
| 28 | ---- | GB/T 70.1-2000. | M6x25 Hex socket head screw | 3 |
| 29 | 01300518 | SM010J12 | Guard spacer | 2 |
| 30 | 01300632 | SMIP0C04 | Brake roller 36T sprocket | 1 |
| 31 | 01300629 | GB/T1243-1997 | Chain 06B (46 joints) | 1 |
| 32 | ---- | GB/T 41-2000. | M8 Hex Nut | 2 |
| 33 | 01300624 | SM010A29 | Dancer-arm spring | 1 |
| 34 | 01300625 | SM010A27 | Locating Nut | 1 |
| 35 | 01300626 | SM010A28 | Threaded shaft | 1 |
| 36 | 01300627 | SM010A30 | Pivot guide sleeve | 1 |
| 37 | 01300628 | SM010A31 | Pivot mounting plate | 1 |
| 38 | 01300629 | GB/T1243-1997 | Chain 06B (7 joints) | 1 |
| 39 | 01300630 | SMIP0J04 | Film head cover | 1 |
| 40 | ---- | GB/T 818-2000 | M5x8 Cross pan head screw-H type | 4 |
| 41 | 01300629 | GB/T1243-1997 | Chain 06B (68 joints) | 1 |
| 42 | 01300175 | SM010J17 | Chain idler wheel assy. | 1 |
| 43 | 01300175 | SM010J18 | Chain idler wheel assy. | 1 |
| 44 | 01300631 | SMIP0F09-12T | Stretch Roller bossed sprocket 12T | 1 |
| 45 | 01300633 | SM030A18 | Gearbox drive sprocket 17T | 1 |
| 46 | ---- | GB/T 41-2000.M8 | M8 Nut | 2 |

| | | | | |
|---|---|---|---|---|
| 47 | ---- | GB/T 889.1-2000.M4 | Hexagon lock nut M4 | 4 |
| 48 | ---- | GB/T 93-1987 | Flat washer 4 | 4 |
| 49 | ---- | GB/T 70.3-2008 | Hexagon countersunk screw M4X20 | 4 |
| 50 | 01300634 | SM010E01 | Dancer-bar ASSY | 1 |
| 51 | ---- | GB/T 818-2000 | H-Cross head screws M6X25 | 2 |
| 52 | 000281 | SMIP0C02 | 06B1-25T Sprocket 1210-20 | 1 |
| 53 | ---- | GB/T 95-2002.8 | 8mm Flat washer | 4 |
| 54 | ---- | GB/T 93-1987.8 | 8mm Spring washer | 8 |
| 55 | ---- | GB/T 70.1-2000.M8x30 | M8x30 Hex socket head screw | 9 |
| 56 | 01300526 | SM010J06 | Guiding roller | 1 |
| 57 | ---- | GB/T819.2-1997 | M6x20 cross sunk head screw | 3 |
| 58 | 01300637 | SM010A07 | Proximity switch mounting plate | 2 |
| 59 | 01300638 | SM010J05 | Door cover stop | 1 |
| 60 | 01300644 | ZV1#-GK4-0.35KW | Gearbox & Elec Motor | 1 |
| 61 | 1072611 | WTT12L-B2561 | Black product Sick Photo eye | 1 |

Note – Door & Dancer arm Proximity IS part no 01300007 TL-Q5MC1-Z Proximity switch.

Item no 38 & 41 can be ordered as 008025SIN 6ft length of 06B1 chain + 2 join links.

Connecting Cable part no 00600876 x 1 off for the Black product photo eye refer to item 61
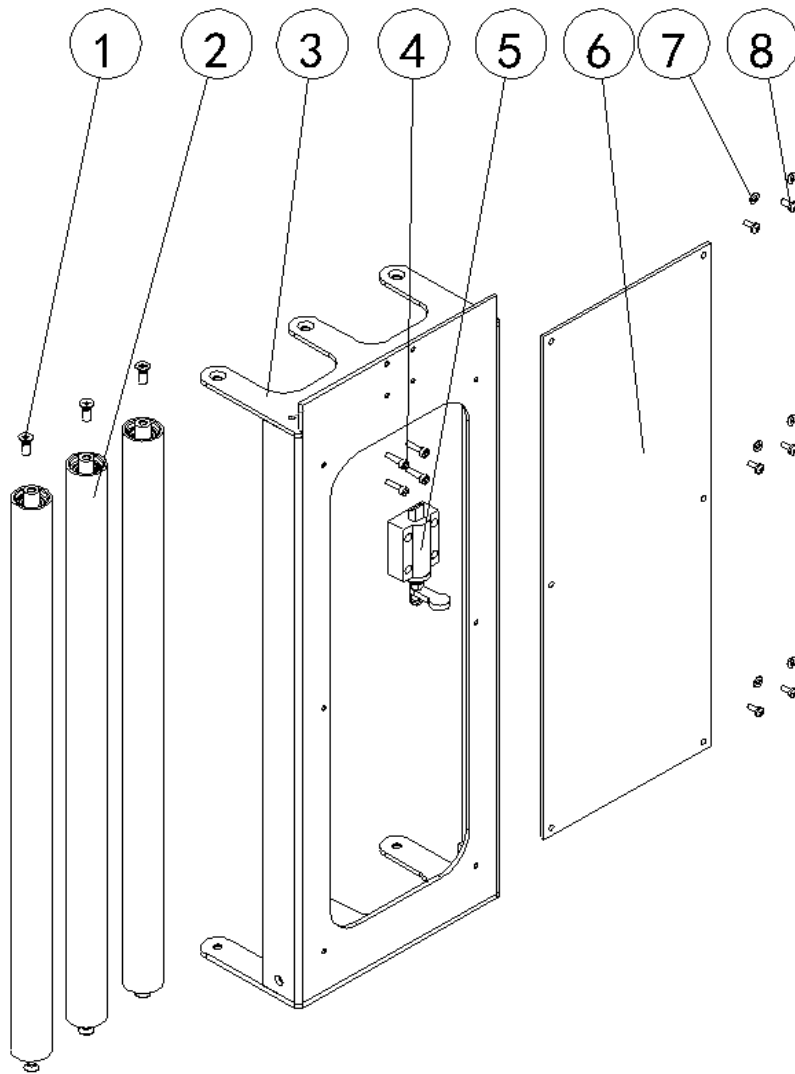
**Part no 01300618 SM010J07 Door Assembly Drawing.**

| No | Part No. | ERP | Description | Qty |
|----|----------|-----|-------------|-----|
| 1 | 00400251 | GB/T 819.1-2000 | M6x16 Countersunk screw ZP | 6 |
| 2 | 01300651A | SM010J0702 | Door Guiding Roller 30 x IF540mm | 3 |
| 3 | 01300907 | SM010J0701 | Door Body | 1 |
| 4 | ---- | B00200104*016 | Latch screws hex screw M4x16 | 4 |
| 5 | 01300221 | M2-4-08-02(JXS) | Door Latch Black Body | 1 |
| 6 | 01300646 | SM010J0703 | Door Perspex Window | 1 |
| 7 | ---- | M4 | M4 Flat washer ZP | 6 |
| 8 | ---- | B00200104*016 | Perspex Window Mount Screw | 6 |
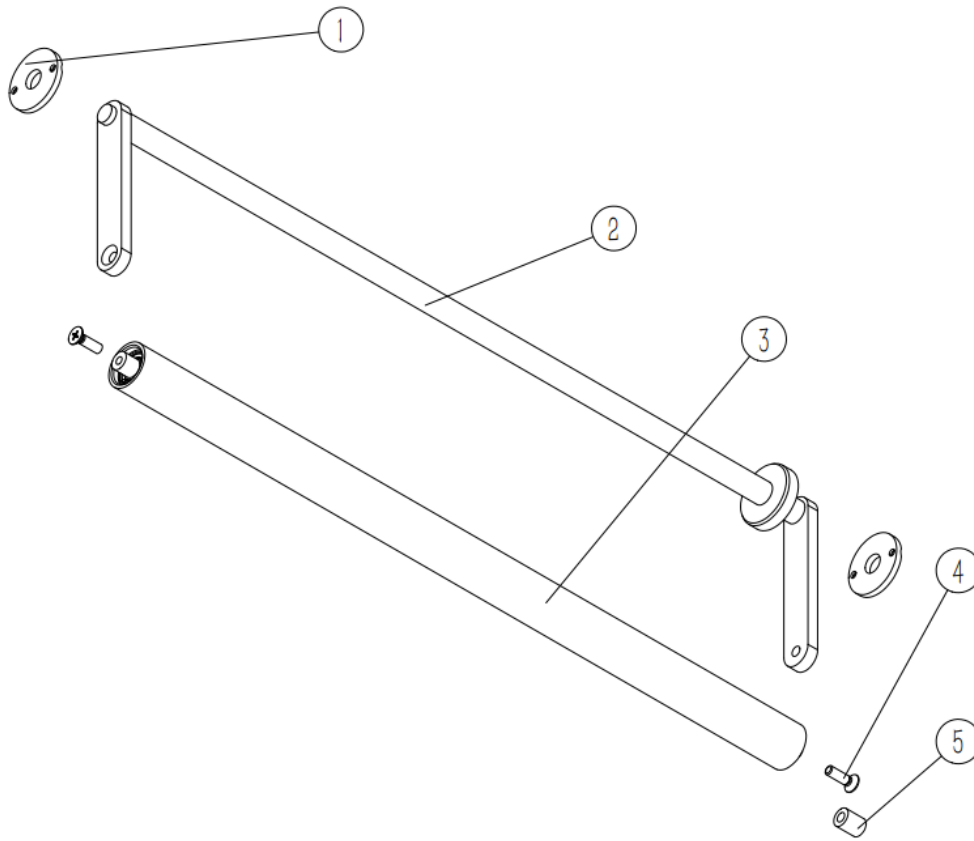
**Part no 01300634 SM010E01 Dancer Arm Assembly**

| No | Part No. | ERP | Description | Qty |
|----|----------|-----|-------------|-----|
| 1 | 01300668 | SM010E0104 | Pivot Disc | 2 |
| 2 | 01300906 | SM010E0103 | Dancer Arm Body | 3 |
| 3 | 01300653A | WP1379 | Dancer Arm Idler Roller Assembly | 1 |
| 4 | 00500655 | M6x16 | Countersunk Socket Screw ZP | 4 |
| 5 | 01300792 | SM010A32 | Dancer Arm Stop Bush | 2 |

Note Mounting screws for the Pivot Disc 01300688

2 off M4 x20 Countersunk Socket Screw per disc.

2 off M4 Nyloc Hex Nut per disc.

## 8.2 Extended Tower for 2.8 wrap height Assembly Drawing
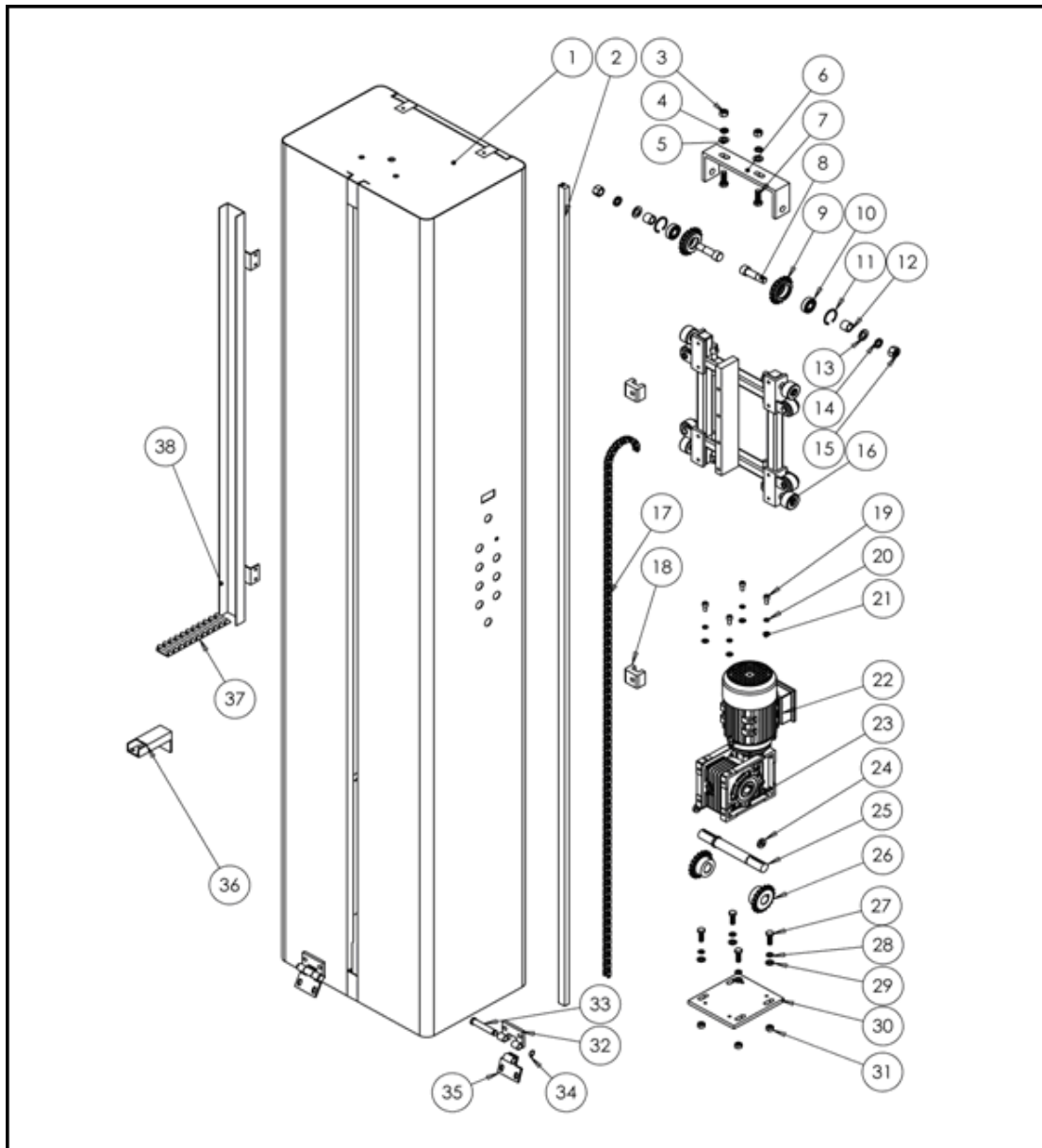
## Tower part list    SSIP0Z

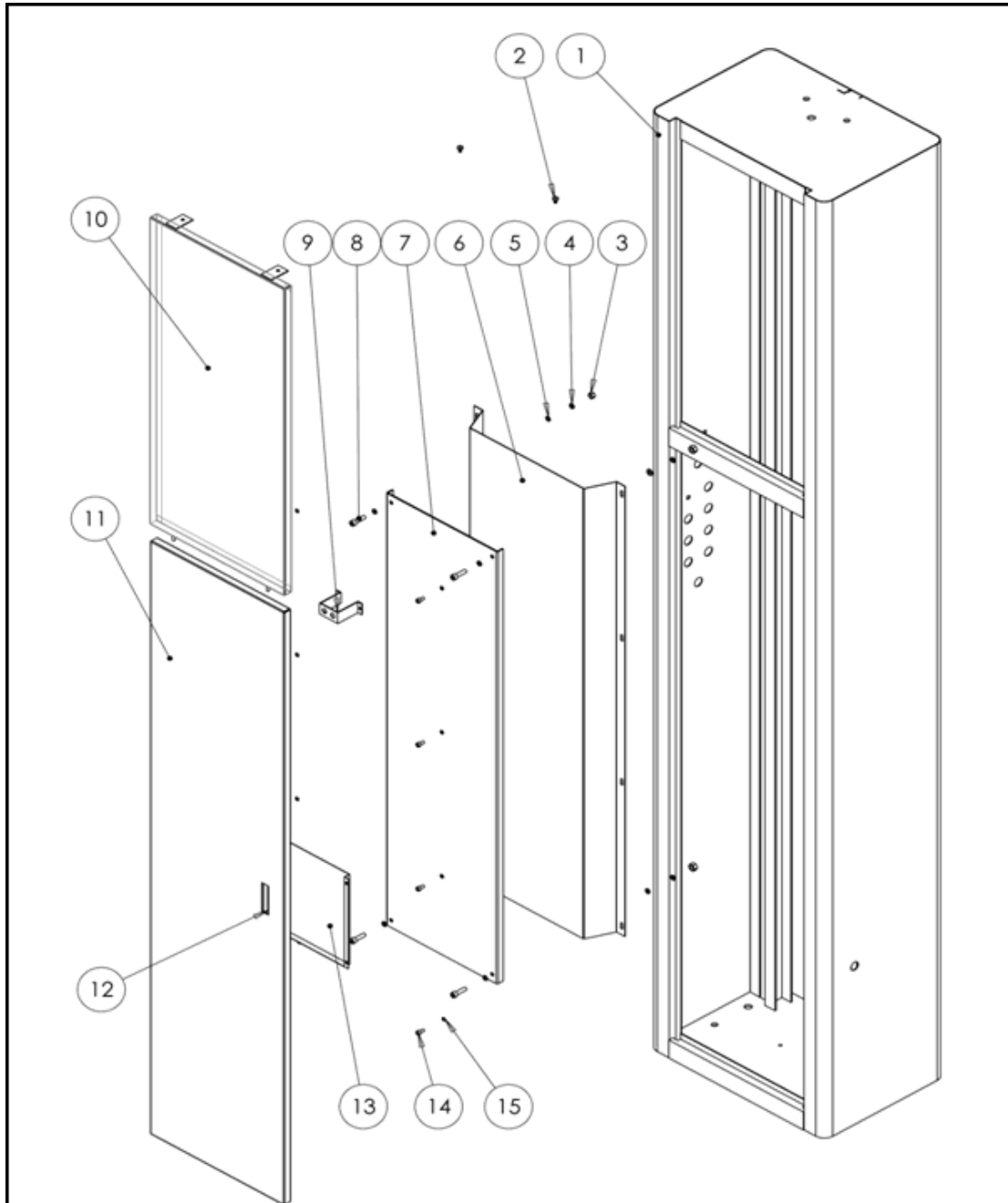| No | Part No | ERP | Description | Qty |
|----|---------|-----|-------------|-----|
| 1 | 01300658 | SSIP0Z01 | Tower body | 1 |
| 2 | 01300548 | SSIP0W02 | Aluminum slide way | 1 |
| 3 | 01300503 | GB/T 41-2000.M12 | M12 Hex nut | 10 |
| 4 | 01300504 | GB/T 93-1987.12 | 12mm spring washer | 2 |
| 5 | 01300505 | GB/T 95-2002.12 | 12mm Flat washer | 4 |
| 6 | 01300549 | SS010A05 | Sprocket bracket | 1 |
| 7 | 01300550 | GB/T 5783-2000.M12x40 | M12×40 Hex bolt | 2 |
| 8 | 01300552 | SS010A07 | Sprocket shaft | 2 |
| 9 | 01300553 | SS010A06 | Sprocket B | 2 |
| 10 | 005901 | GB/T 276-1994 6203-2RS | Deep groove ball bearing | 2 |
| 11 | 01300554 | GB/T 893.1-1986.40 | Internal circlip 40 | 2 |
| 12 | 01300555 | SS050B06 | Spacer sleeve | 2 |
| 13 | 01300556 | GB/T 95-2002.16 | 16mm Flat washer | 2 |
| 14 | ---- | GB/T 93-1987.16 | 16mm spring washer | 2 |
| 15 | 01300557 | GB/T 41-2000.M16 | M16 hex nut | 2 |
| 16 | 01300558 | SSIP0C02A | Idler wheel carriage | 1 |
| 17 | 01300559 | GB/T 1243-1997 | Chain 08B | 2 |
| 18 | 01300560 | SS010A1201 | Limiting block | 4 |
| 19 | ---- | GB/T 5783-2000.M8x20 | M8×20 Hex bolt | 4 |
| 20 | ---- | GB/T 93-1987.8 | 8mm spring washer | 4 |
| 21 | ---- | GB/T 95-2002.8 | 8mm Flat washer | 4 |
| 22 | 01300561 | YS7124 370W B14 | Motor | 1 |
| 23 | 01300562 | SBLE-RV63-100-71B14-A2 | Lift Gearbox 100-1 ratio | 1 |
| 24 | ---- | SSIP0T08 | Seat pad | 2 |
| 25 | 01300563 | NMRV063-DS25 | Output shaft | 1 |
| 26 | 01300477 | CKZ-B2570T | Sprag clutch | 2 |
| 27 | ---- | GB/T 5783-2000.M10x30 | M10×30 hex bolt | 4 |
| 28 | ---- | GB/T 93-1987.10 | 10mm spring washer | 4 |
| 29 | ---- | GB/T 95-2002.10 | 10mm flat washer | 4 |
| 30 | 01300564 | SS010A02 | Gearbox motor bottom plate | 1 |
| 31 | ---- | GB/T 41-2000.M10 | M10 Hex nut | 4 |
| 32 | 01300565 | SS020A11 | Hinge seat B | 2 |
| 33 | 01300566 | SS020A01 | Hinge shaft | 2 |
| 34 | ---- | GB/T 894.1-1986.14 | 14 Shaft circlip | 2 |
| 35 | 01300567 | SS020A02 | Hinge seat A | 2 |
| 36 | 01300640 | SSIP0C03 | Electric cable mount | 1 |
| 37 | 01300571 | TL18x25 | Drag chain | 1 |
| 38 | 01300572 | SSIP0T02 | Flat cable tray | 1 |

## 8.2.1 Tower body drawing



**Tower body part list   SSIP0Z01**

| No | Part No. | ERP | Description | Qty |
|----|----------|-----|-------------|-----|
| 1 | 01300659 | SSIP0Z0101 | Tower frame | 1 |
| 2 | ---- | GB/T818-2000.M6x10 | M6x10 cross pan head screw H type | 2 |
| 3 | ---- | GB/T 41-2000.M8 | M8 nut | 4 |
| 4 | ---- | GB/T 93-1987.8 | 8mm spring washer | 4 |
| 5 | ---- | GB/T 95-2002.8 | 8mm flat washer | 8 |
| 6 | 01300540 | SSIP0C0102 | Inner protection panel | 1 |
| 7 | 01300541 | SSIP0C0103 | Electric gear tray | 1 |
| 8 | ---- | GB/T 70.1-2000.M8x30 | M8x30 hex socket head screw | 4 |
| 9 | 01300542 | SS010A0407 | Knob switch bracket | 1 |
| 10 | 01300543 | SSRA0C0102 | Top cover panel | 1 |
| 11 | 01300544 | SS010A0403 | Electric cabinet door | 1 |
| 12 | 01300249 | SS010A0404 | Door lock | 1 |
| 13 | 01300545 | SSIPOC0104A | Manual pocket | 1 |
| 14 | ---- | GB/T 70.1-2000.M6X12 | M6x12 hex socket head screw | 8 |
| 15 | ---- | GB/T 95-2002.6 | 6mm Flat washer | 8 |

## 8.2.2 Idler wheel carriage
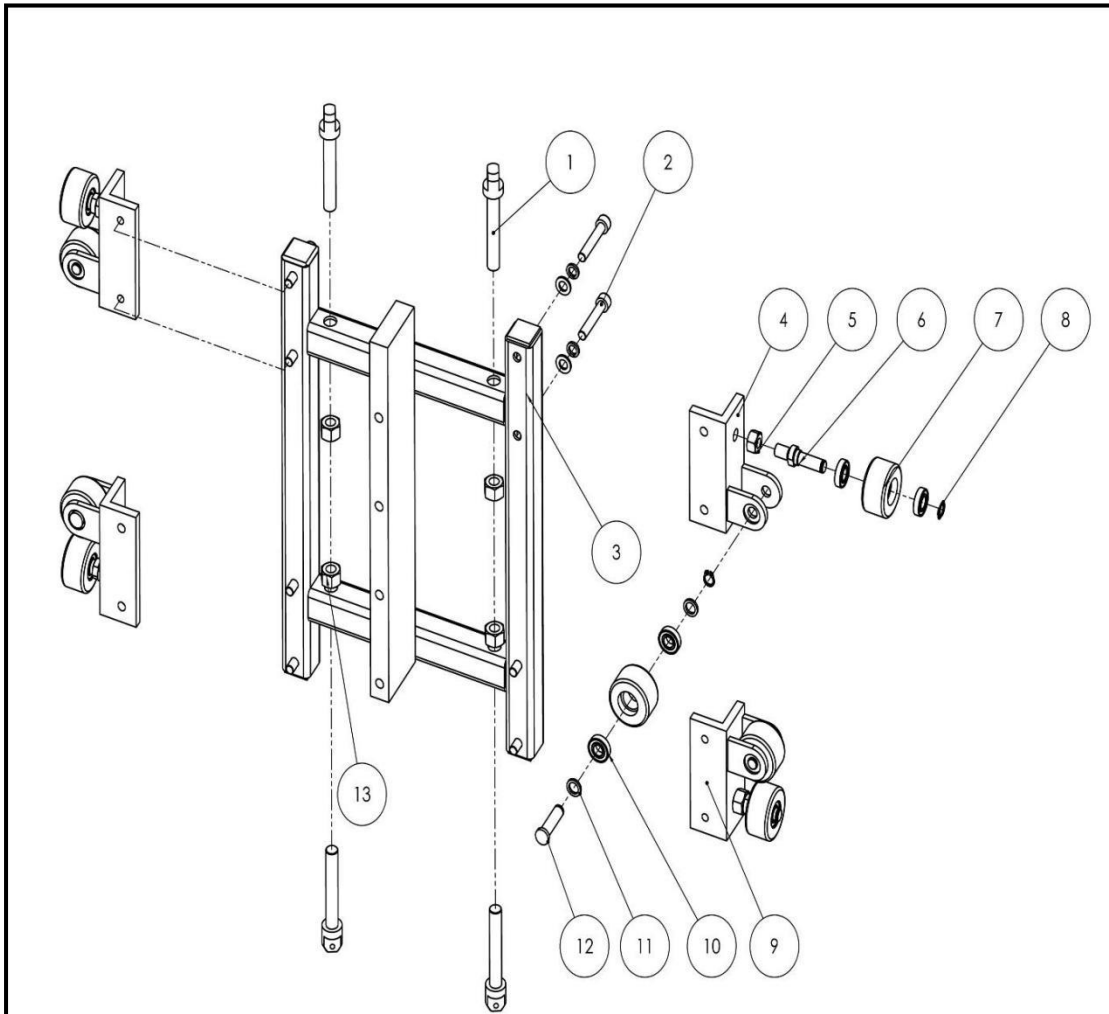


## Idler wheel carriage part list   SSIP0C02A

| No | Part No. | ERP | Description | Qty |
|---|---|---|---|---|
| 1 | 01300528 | SS010A03 | Chain adjusting bolt | 4 |
| 2 | ---- | GB/T70-1.M8x55 | M8x55 Socket head cap screw | 8 |
| 3 | 01300529 | SSIP0C0202A | Carriage body | 1 |
| 4 | 01300530 | SSIP0C020101 | Idler wheel body | 2 |
| 5 | 004005 | GB/T6170.M10 | M10 nut ZP | 4 |
| 6 | 01300531 | SSIP0C020105 | Idler wheel shaft B | 4 |
| 7 | 01300532 | SSIP0C020103 | Idler wheel | 8 |
| 8 | 01300533 | GB/T894-1.A10 | Shaft circlip | 4 |
| 9 | 01300534 | SSIP0C020301 | Idler wheel body | 2 |
| 10 | 01300535 | GB/T276.61900-2RS | Deep groove ball bearing | 16 |
| 11 | 01300536 | SSIP0C020104 | Circlip | 8 |
| 12 | 01300537 | SSIP0C020102 | Idler wheel shaft A | 4 |
| 13 | 01300503 | GB/T 41-2000.M12 | M12 hex nut | 8 |

## 8.3 Base Drawing
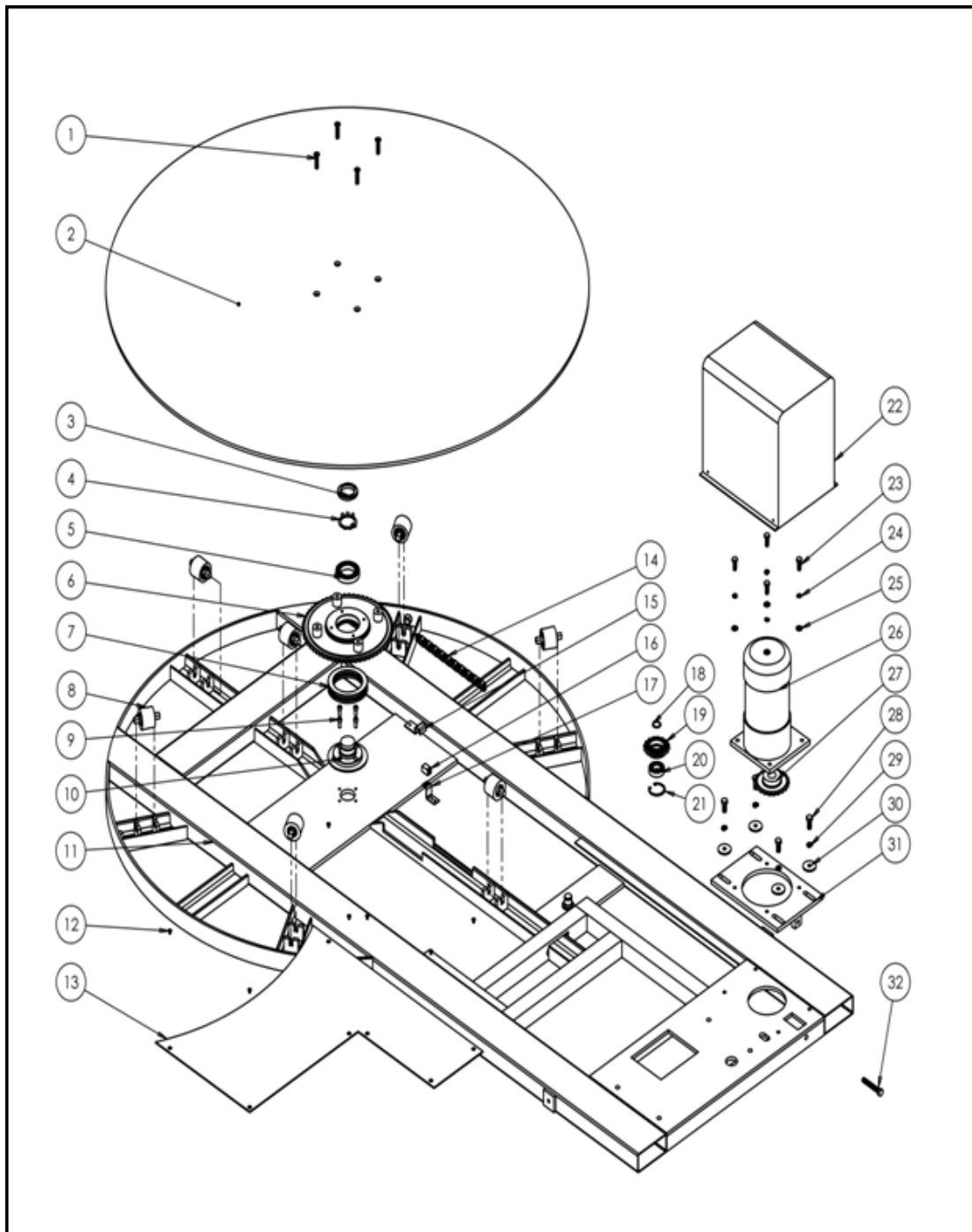


**Base Parts List    SZIP0S**

| No | Part No. | ERP | Description | Qty |
|---|---|---|---|---|
| 1 | 004202 | GB/T 70.3-2000.M10x30 | M10×30 Flat head socket cap screw ZP | 4 |
| 2 | 01300573 | SZ010A02 | Turntable plate | 1 |
| 3 | 01300452 | GB/T 810-1988.M48x1.5 | M48×1.5 lock nut | 1 |
| 4 | 01300451 | GB/T 858-1988.48 | M48 Lock washer | 1 |
| 5 | 01300314 | GB/T 276-1994 | Deep groove ball bearing 6010-2Z | 1 |
| 6 | 01300450 | SZ010A03 | Turntable drive sprocket | 1 |
| 7 | 01300441 | GB/T 301-1995 | Thrust ball bearing 51120 | 1 |
| 8 | 01300206 | SZ010A09 | Turntable wheel | 7 |
| 9 | 00400004 | GB/T 70.1-2000.M8x20 | M8×20 Socket head cap screw ZP | 4 |

| 10 | 01300453 | SZ010A04 | Turntable pivot shaft | 1 |
|----|----------|----------|----------------------|---|
| 11 | 01300574 | SZIP0C01 | Base frame | 1 |
| 12 | 004234 | GB/T 819.1-2000.M6x10 | M6×10 Flat head cap screw ZP | 7 |
| 13 | 01300575 | SZ010A07 | Cover plate | 1 |
| 14 | 01300576 | GB/T 1243-1997 | Chain 10A | 1 |
| 15 | ---- | SZ010A05 | Sensor plate | 1 |
| 16 | 01300007 | TL-Q5MC1-Z | Proximity switch | 1 |
| 17 | ---- | SZ010A12 | Bracket | 1 |
| 18 | 01300577 | GB/T 894.1-1986.25 | 25mm shaft circlip | 1 |
| 19 | 01300578 | SZ010A06 | Idler Sprocket | 1 |
| 20 | 01300579 | GB/T 276-1994 | Deep groove ball bearing 6205-2Z | 1 |
| 21 | 01300580 | GB/T 893.1-1986.52 | 52 Internal circlip | 1 |
| 22 | 01300582 | SZ010A08 | Motor cover guard | 1 |
| 23 | 004113 | GB/T 5783-2000.M10x30 | M10×30 hex bolt ZP | 4 |
| 24 | 004009 | GB/T 93-1987.10 | 10mm spring washer | 4 |
| 25 | 004028 | GB/T 95-2002.10 | 10mm flat washer | 4 |
| 26 | 01300209 | CV28-750-50SZ | Gearbox motor | 1 |
| 27 | 01300583 | SZ010A11 | Sprocket | 1 |
| 28 | 01300584 | GB/T 5783-2000.M12X30 | M12×30 hex bolt-full thread | 4 |
| 29 | 01300504 | GB/T 93-1987.12 | 12mm spring washer | 4 |
| 30 | 01300585 | GB/T 5287-2002.12 | 12mm Washer | 4 |
| 31 | 01300586 | SZ010A10 | Gearbox mount plate | 1 |
| 32 | 01300587 | GB/T 5783-2000.M12x80 | M12×80 hex bolt | 1 |

# *9.* STANDARD **HMPS** WARRANTY
# HMPS Standard 12 month warranty

Unless otherwise specified in the order/contract documents, HMPS warranty is 12 months single shift operation (2000 hours) from date of delivery.

The warranty covers parts and labour (subject to clause 7 of the warranty conditions). All repairs are to be carried out by HMPS or its authorised service agents.

Such warranty repairs shall be provided during normal working hours.

The warranty will only apply if the machine has at all times been operated within normal working values and in accordance with the manufacturer's instructions (This includes the regular scheduled and documented maintenance of the machine).

## The conditions of the warranty are.

1.  Applicable only to the original purchaser from new and is not transferable.

2.  The period of the warranty commences from the date of installation but is not enforceable until the final payment has been received.

3.  That the machine operates in a dry, covered area and not in an aggressive environment.

    This means free from:
    >> Excessive dirt and dust
    >> Corrosion
    >> Moisture and condensation
    >> Vibration

4.  The machine has been installed to the manufacturer's specifications.

5.  The installation sheet has been properly completed and returned to HMPS.

6.  The machine service must be carried out by HMPS or its authorised Agents to the specified maintenance schedule and logged.

7.  The machine is located within a 100 Km radius of:
    >> Sydney
    >> Melbourne
    >> Adelaide
    >> Perth
    >> Hobart
    >> Brisbane

    Where the machine is located over 100 Km from the above cities HMPS will charge a labour fee per hour based on time spent outside the free service zone.

8.  In any event, HMPS's liability shall be limited to one of the following, at HMPS's election – replacement of the defective goods, or the supply of equivalent goods, or the cost of repair of defective goods.

## This Warranty does not cover.

1.   Service calls, which are not related to any defect in the machine.
2.   Correction to the installation or alterations of the machine.
3.   Provision of training and or instructions on the use of the machine.
4.   Replacement of fuses or resetting of circuit breakers.
5.   Rectification of defects caused by other than normal industrial use for which the machine is designed.
6.   Where contaminated or dirty air is supplied to the machine.
7.   Repair of defect to the machine caused by accident, misuse or act of God.
8.   Correction of improper repairs.
9.   Normal recommended maintenance as set out in this machine operation and maintenance manual.
10.  Return freight cost of suspected faulty components.
11.  Special freight arrangements for the return of the repaired or replacement unit to the customer's site.

## Please Note:

The electrical control panel contains fragile components, it is important that suitable packaging to be used when shipping back these components to HMPS.

# 10.      Safe Operating Guidelines

This pallet wrapper has been designed to package palletized loads with stretch film.  The user is responsible for its safe and correct operation.

We recommend a 1 metre minimum clearance be maintained around the machine so that people do not become trapped by the rotating load.

This machine has been designed and fitted with forklift tine entry points for safe handling and movement.  Please ensure that the machine is stable to move and that safe handling procedures are observed.

## FILM LOADING
1.      Place the film roll on the support mandrel, the outer, adhesive side will be applied onto the load.
2.      Draw out approx. One metre of film clear of the film roll.
3.      Pull enough film through rollers to attach to load.

## SAFE OPERATION
1.      Inspect load prior to wrapping to ensure pallet and load are stable.
2.      Ensure that people and forklifts are clear of the load and machine.
3.      Do not walk between the rotating load and the film carriage.
4.      Wait for the machine to stop before cutting and wiping film tail.

### *If the film breaks or the load falls:*
-       stop the machine as necessary;
-       restack the load so that it is stable on the pallet (where applicable) and re-attach the film; and then re-start the machine.

## MAINTENANCE
The control switch contains live 240 Volt electrical circuits capable of causing death upon contact.  Therefore:
(a)   Only suitably qualified personnel should open and work inside.
(b)   The mains supply should be switched off and the lead safely disconnected from the socket before the following work is started:
-       cleaning of the machine.
-       any other tasks where a hazard is created by electricity or the accidental start of the machine.

**IF YOU ARE UNSURE ABOUT ANY PROCEDURES, ASK
YOUR SUPERVISOR BEFORE COMMENCING**

*These Safe Operating Guidelines have been developed from a Risk Assessment supplied by the manufacturer.  They provide information relating to Occupational Health and Safety to machine users required by Victorian Plant Regulations 1995.*

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