JEWERS

The Mark of Excellence & Innovation

INNOVATION

in Emergency Services

PHOENIX

a folding door designed with the emergency services industry in mind.

the SWIFT & the Osprey

Designed with your station in mind.

Under the Phoenix product family, Jewers has been manufacturing two folding door lines for over 4 decades; the SWIFT, a four-fold door and the Osprey, a sliding folding door. Both doors are highly robust, offering state of the art integrated safety features with low maintenance requirements; making them a superior choice for your emergency service apparatus bay.

What makes these doors so great for the Emergency Services industry?

- **Horizontally Deployed:** eliminates impacts with the bottom panel of overhead doors on premature exits and avoids obstruction & interference with exhaust evacuation systems in the apparatus bay. With the high cost to repair a door impact, these doors can save you thousands.
- **No Track / No Springs**: the design of both the SWIFT & the Osprey have eliminated overhead door tracks and operator torsion springs; both problematic service items no longer a concern. With improved serviceability, these doors will actually cut your service budget over time.
- **Operational Speed**: SWIFT by name, SWIFT by nature; these doors open in an average of 7 seconds drastically reducing exit speeds. Thus, allowing for a prompt arrival to the further extremities of your coverage area, maximizing the usefulness of your station while helping to save lives!
- **Wide Openings**: the Osprey provides the ability to design wider bays, while retaining a quicker speed than traditional overhead door solutions. Cycling at just under 1.5 ft / sec, the Osprey can open a 24’ bay in just under 16 seconds; or close a bay in width up to a max of 65’.

EMERGENCY SERVICES

When Every Second Counts.

Time is a precious commodity, in all emergency situations. When response times are critical, you can be assured that the Phoenix range of doors will open fast and safe, each and every time.

How can you know that you can count on the SWIFT & the Osprey?

Over the past 35 years, the SWIFT & the Osprey folding door has proven to be an extremely reliable and cost-effective door solution in Fire and Ambulance stations alike. These doors open quickly, with the SWIFT door reaching a fully open position in only 7 seconds; regardless of size. The horizontal opening action allows the driver to never loose site of the door during its cycle, and with fully or partially glazed configuration options, the driver can maintain a visual on the full exit path. Thus, eliminating costly errors resulting in damage to the bay door and / or the apparatus.

The improved exit speed allows a station to improve its current response times or service a greater geographic area while maintaining minimum response times.

Both the SWIFT & the Osprey doors are highly configurable with options such as time delayed automatic closing or traffic lights & sirens. Each door, as a standard, comes with all required safety devices to comply with UL 325; ensuring the user and the general public are always safe during the operation of these doors.

Jewers' network of authorized sales, service & installation technicians have ready access to domestically procurable parts & supplies; ensuring that your doors are always in "READY" mode.

PARTS & COMPONENTS

How's does it work?

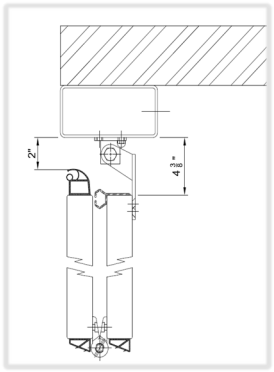
In the Emergency Services industry, when duty calls you must get out. Jewers employs only the most reliable parts & components for use with its doors; and requires prompt accessibility of all replacement & service components. All replacement parts are domestically procurable; ensuring when a service issue arises, it can always be addressed quickly & efficiently keeping your door online .

Some key features:

- **Dual Electro-Hydraulic Operators:** Specifically designed for twin-leafed folding doors. Mounted on a single leaf, it opens and closes using a telescopic arm to ensure smooth & linear movement.
- **NEMA 4 Control Panel**: A control panel housed in a NEMA 4 enclosure with advance technology allowing for efficient use of energy, while deploying SAFEcoder technology to ensure the door always remains safe.
- **Push Button Controls:** Standard open, close, stop push button interfaces; allowing the user to operate the door.
- **Remote Key Fob & Receiver System:** A transmitter & receiver system employing a rolling code algorithm to keep the door secured from unintended access while away from the station.
- **Manual Release:** Instant disengagement from a low-level; to allow doors to be open or closed in event of failure.
- **Microwave Presence Sensor:** Technology combined with sophistication designed specifically for the automatic door industry; allowing for the configuration of timed delayed closure upon exit with intelligence to determine direction of travel providing station security from the second the truck leaves the bay.

SAFETY & SENSORS

Keepin' it safe



As folding doors have gained in popularity, so has the need to keep them safe. Jewers is an industry forerunner in safety development; having developed systems such as TravelPath anti-crush sensory, Jewers is well versed to anticipate and guard against the perils associated with the operation of folding doors.

Some key safety features of the SWIFT & the Osprey folding doors:

- **Interior Fold Protection:** Anti-Crush TravelPath Sensory which creates a dynamic safety zone that moves with the movement of the door; preventing the user from accessing the travel path of the door as it swings open or close, protecting critical impact points such as jambs and adjacent walls.
- **Low Profile Adjustable Hinge:** Jewers jamb hinge is designed to allow field adjustments, bolted not welded into place allowing for the variances of various project sites. Additionally, the hinge is designed with a low-profile design eliminating massive gaps at the jamb and minimizing the potential pinch point.
- **Anti-Pinch Intermediate Panel Seals:** Intermediate panels incorporate a 1&1/2" pliable seal, avoiding loss of member should fingers or extremities be caught in the fold while closing.
- **Opto-Electric Lead Safety Edge:** An optical safety edge on each door halve at the lead edge (center) of the door preventing entrapment on close. The system incorporates a light transmitter & receiver concealed within the lead edge seals; if the lead edge is "bumped" during closure, the system will stop until the obstruction is removed.
- **Presence Sensor:** Mounted on the fold side of the door, the presence sensor prevents access to the interior of the folds during operation; preventing entrapment between panels as the door opens.

Aesthetics & Design

One size, does not fit all.

Over the years, Jewers has learnt different clients have different needs & desires. Thus, we approach each of our clients with a degree of individuality. Our production facilities are set up such that we can offer standard production models with improved lead times and more attractive price points; or for the client who prefers something a bit more unique, custom fabrication is available as well.

Some Design Options Available:

- **Glazing:** Jewers offers a standard glazing configuration of select window sizing & layout; positioned into panel with closed cell injection foam insulation providing a superior level of energy efficiency. Custom glazing, i.e. fully glazed, models are also available.
- **Finish Options**: Jewers panels can be configured to receive a polyurethane powder coat system available in the range of RAL colors, a select range of pre-finished plastisol factory applied panels, or pre primed for field application of wet paint & epoxies.
- **Inset Wicket Door**: Subject to width restrictions, panels can be configured to include an integrated wicket door. On wider panels, the integrated wicket door can be configured as to serve as a means of egress.
- **Automatic Time Delayed Closure**: Doors can be configured to automatically close after preset length of time, or instantly after apparatus leaves the bay.
- **Traffic Light Integration**: Door can be interfaced to set traffic lights to "red" on user command for safe emergency exit.
- **Safety Lights & Sirens**: Door can be configured to include safety lights and / or siren to warn users that door is in operation.
- **Safety Zone:** All doors manufactured by Jewers which are automated are configured to include an invisible protection zone around the door to prevent lose of life, limb, or property damage.

Configuration Options

Jewers' is here to support you!

Product	Swift (manual)	Swift (electric)	Swift SEW	Osprey (manual)	Osprey (electric)
Short Name	SWT-M	SWT-E	SWT-SEW	OSP-M	OSP-E
Feature					
Hanging arrangement	Side-hung bi-folding			top-hung folding	
Panel Configuration	1,2 or 3 leaves to each side, i.e. 2+1, 3+0, 3+2.	2+0, 2+2, 0+2	2+2	multiple leaf configurations	upto 10 leaves per side, in bi-directional or uni-directional format
Opening Sizes					
Max width	18' 8"	15' 7"	16' 4"	Unlimited	65' 7"
Max height	19' 8"	19' 8"	24' 7"	19" 8"	19' 8"
Max opening area	258'	129' (2+0)	349'	Unlimited	538' (1-way)
		258' (2+2)			1076' (bi-part)
Clearance					
Sideroom	7 7/8"	8 7/8"	11 3/4"	Varies, refer OSP series dwgs.	Varies, refer OSP series dwgs.
Headroom	5 7/8"	5 7/8"	17 7/8"	7 1/8"	9 1/8"
Max No. tracks	1	1	1	1	1
Mounted inside or outside (In, Out)	In / Out	In	In / Out	In / Out	In / Out
Operation					
Electric Operation	N/A	√	√	N/A	√
Manual Operation (M/O = manual override included)	√	M/O	M/O	√	M/O
Opening speed	N/A	6 secs (max 2.62f/s)	10 secs (max 1.64f/s)	N/A	max 1.31f/s
Panel Construction					
Solid panel polyurethane (thickness inch)	√ (2' 3/64")	√ (2 3/64")	√ (2 7/16")	√ (2 3/64", 2 7/16")	√ (2 3/64", 2 7/16")
Solid panel mineral wool (RW) (max 4500 H, 52 thick)	√	√	√	√	√
Part glazing polyurethane (thickness mm)	√ (2' 3/64")	√ (2 3/64")	√ (2 7/16")	√ (2 3/64", 2 7/16")	√ (2 3/64", 2 7/16")
Full glazing (FG) (max. 5000 H, 50 thick)	√	√	√	√	√
Other features					
Integrated personnel doors	√	√	√	√	√
Full Height access leaf	√	x	x	√	x

˚ **Refer to individual SWT or OSP drawings and product datasheets for detailed configurations, opening arrangements, sizes, and specifications.**

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GET IN TOUCH TODAY!

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