

# TEMPEST®

# HOWE

## PRODUCT DESCRIPTION



DESIGNED BY HOWE 1974 / KOMPLOT DESIGN 2002/2009

# TEMPEST®

Tempest is the original space-saving flip-top table system for use in multi-purpose eating, meeting, training and conferencing facilities. Whether you prefer a big conference table, a modular meeting table, a low lounge table or a high bar table, Tempest has an array of answers. The benchmark flip-top mechanism is both beautiful and rock solid, securing an outstanding stability. In addition, the elegant elliptical leg-design with a concealed castor solution and the multi-directional linking system make Tempest easy to handle for just one person. Simply and effortlessly just “wheel-barrow” the table around and save valuable space by flipping the table tops when not in use.

## DESCRIPTION

Tempest is a multi-purpose mobile flip-top table system for eating, meeting, training and conferencing applications. T-leg design permits maximum seating capacity around the entire perimeter of the top. Tables can be nested when not in use.

## PRODUCT DETAILS

### TABLETOPS

1 1/8" chipboard when surface is veneer or laminate.

### VENEER VERSION

Natural wood veneer or stained wood veneer. 0.02" knife-cut sanded veneer on both sides. Total thickness of 1 1/8".

Standard finishes comes in maple, oak, cherry, and walnut as well as stained in black, walnut, and white.

### LAMINATE VERSION

Coloured laminates or wood grain laminates. 0.03" laminate on both sides. Total thickness of 1 1/8".

Standard coloured laminates are black, white and grey. Any Formica Colour System colour available.

Standard wood grain laminates are maple, cherry, and walnut.



**EDGES**

Standard options include:

Matching hardwood edge on veneer tabletops.

Matching ABS edge on laminate tabletops.

**BASES**

Round uprights and elliptical feet. Steel quality Norm DIN 2394 with Fe content of 97-98%. Foot end caps in dye cast zinc.

T-legs:

Ø1.77" x 0.08" gauge on upright tube and 1.97" x 0.98" x 0.08" gauge on elliptical foot.

TT-legs:

Ø1.77" x 0.08" gauge on upright tube and 1.97" x 0.98" x 0.08" gauge on elliptical foot.

S-legs:

Ø1.77" x 0.06" gauge on upright tube and 1.97" x 0.98" x 0.08" gauge on elliptical foot.

S3-legs:

Ø2.99" x 0.08" gauge on upright tube and 1.97" x 0.98" x 0.08" gauge on elliptical foot.

All Tempest feet are supported with an inner tube dim. 0.79" x 0.79" x 0.08" gauge to assure strength. Base finish comes in chrome (20-50 µ) and black, satin black, white, satin white, Howe grey or aluminium coloured powder coating (40-100 µ).

**GLIDES & CASTORS**

Two adjustable glides and two castors are included on a standard T-leg, allowing for easy maneuvering and transport of tables from one area to another. The X-base features four glides. Both the glides and castors are made of plastic (POM), with the glides adjustable up to 0.39".

**MECHANISM**

The flip-top mechanism on T-style tables is a spring assisted butterfly mechanism in die cast aluminium, coated in aluminium colour. The beam is in Ø1.97" x 0.16" gauge steel tube coated in aluminium colour, steel quality 235. The flip-top mechanism on S-style tables is a clamshell in die cast aluminium, coated black.

The hinges are connected to the beam and provides easy noiseless flipping of the table top. The hinges

are in die cast aluminium, coated in aluminium colour.

**SUB COMPONENTS**

Sub components are in Howe grey plastic material. Wedges on table top in PA6. Protection bumpers on butterfly arms in PA6.

**VARIETIES****FOLDING MECHANISM**

Larger size Tempest tables with double T-leg design are available with folding mechanism. The folding mechanism is user-intuitive and rigorously engineered. Subframe is 1.38" x 0.91" x 0.12" gauge, painted black. The folding base option is available with either all glides or with glides and concealed castors at one end for ease of mobility.

**FIXED BASE OPTION**

Tempest tables are available with a fixed base. For special requirements, the leg positioning can be designed according to desired configurations. The fixed base option is also with concealed castors at one end for ease of mobility.



## STACKING CAPACITY

Flipped tables have a nesting depth of 5.1". Flip the tops and nest the tables inside each other tops against tops. 6 tables can be stacked on table transporter. Folding tables have a folded height of 4.5". Up to 5 tables can be stacked on transporter.

## DIMENSIONS AND WEIGHT

*\*Due to manufacturing tolerances, actual product dimensions may vary slightly from nominal values.*

### DIMENSIONS

Height of table: 28.7".

Height of bar version: 41.3".

Height of lounge version: 15.7".

T-style footspread for flip top table: 21.7"

TT-style footspread for folding table: 35.4"

Cross base style foot spread: 23.6", 31.9" or 43" depending on the size and shape of the table.

Length & shape	Small 27.8"	Medium 40.8"	Big 56.7"
48"x 24" Rectangular		X	
48"x 30" Rectangular		X	
60"x 30" Rectangular		X	
72"x 30" Rectangular			X
72" x 36" Rectangular			X
78" x 40" Rectangular			X
48"x 30" Crescent		X	
60"x 30" Crescent		X	
60"x 30" Trapezoid	X		
60"x 30" V-concept		X	
60"x 30" Half-round		X	
72"x 36" Half-round		X	
78"x 40" Half-round		X	

### WEIGHT

Rectangular 60" x 30" flip-top table in veneer with chromed T-base weighs 66.1 lb.

Round Ø42" flip-top table with veneer top and chromed S-leg weighs 41.9 lb.

Round Ø30" flip-top bar table with veneer top and chromed S-leg weighs 35.3 lb.

## STANDARD SHAPES & SIZES

### RECTANGLES

- Flip + Fix versions:

48" x 24"

48" x 30"

60" x 30"

72" x 30"

72" x 36"

RECTANGLES - Flip version:

78" x 40"

RECTANGLES - Fold version:

84" x 42"

96" x 48"

### HALF ROUNDS

- Flip + Fix versions:

60" x 30"

72" x 36"

78" x 40"

TRAPEZOIDS - Flip version:

60" x 30"

CRESCENTS - Flip version:

48" x 30"

60" x 30"

SQUARES - café height

- Flip + Fix versions:

30" x 30"

SQUARES - bar height

- Flip + Fix versions:

30" x 30"

36" x 36"

SQUARES - lounge height

- Fix version:

24" x 24"

V-SHAPES - Flip version:

60" x 30" mm

ROUNDS - café height

- Flip + Fix versions:

Ø30"

Ø36"

Ø42"

Ø48"

ROUNDS - bar height

- Flip + Fix versions:

Ø30"

Ø36"

## ACCESSORIES

ELECTRIFICATION SOLUTIONS - please see HOWE price list.

MODESTY PANEL in 0.75" MDF finished with veneer or laminate. Matching edges. Panel height is 9.8".

Demountable solution - for Tempest Fix. Brackets secure modesty panel to underside of the table and can be removed with wing bolts. This solution can be used with Tempest Flip, but the panel must be removed before flipping.

MODESTY PANEL in 0.35" MDF finished with veneer or laminate. Removable. Edge detail as on table tops. Panel height is 9.8". Panel to be hung on two or three hooks attached underneath the table top.

LINKING BRACKETS in 0.12" high-density steel, glass-blown and coated black. Dimensions are 2.76" x 2.76".

Brackets are placed symmetrically in all corners of the table top. Capture arm also in high-density steel, glassblown and coated black - 4.72" x 1.23".

Fitting for short side to long side linking in black coated glassblown high-density steel is removable. Locking of brackets with finger-screw.

LINKING BRACKETS FOR CHAMFERED TABLE TOPS to be located underneath the top. Top-to-Top linking and levelling adjusted with finger screws. The brackets are retractable pull out brackets (RPO) in steel, painted black and slide out of view when not in use. End-to-end, end-to-side or side-to-side linking possible.

TABLE TRANSPORTER for flip-top tables. MDF platform. Metalwork powdercoated in B10 - HOWE grey. Capacity up to 5 tables standing up (flipped position). Height: 37.8", Length: 78.7", Depth: 36".

TABLE TRANSPORTER for folding tables made of steel frame, type E235. Rubber profile for protection. Powder coated in HOWE grey.

The L-kit transporter stores up to 5 tables, nested on long side. Nest top against top and base against base to prevent damage. 2 fixed wheels and 2 multi-directional wheels with brakes. Safety straps to hold tables in place during transport.

The transporter fits all Tempest folding table sizes. Up to 600 kg load. Delivered flat packed (pallet size). Easy assembled with 26-28 screws.

Dimensions for L-kit:  
Height: 49.4", length: 79.1", depth: 30.5".

The dimensions are without tables on the transporter.

## ERGONOMICS & ENVIRONMENT

Tempest is a "zero-weight" table system. The flip-top mechanism and concealed castors in the feet allow the table to be easily wheel-barrowed around. All parts of the table can be dismantled and recycled.

## TESTS

The table is designed for severe contract use and has been subject to a variety of tests to ensure its highest quality and durability.

The furniture is tested by third-party organizations and passed testing according to the required EN and BIFMA standards, staying also in line with strict emission regulations.

All the certificates are available for access and download [here](#).

## WARRANTIES

HOWE a/s gives a 10 years guarantee on all Tempest tables against weld breakages, defective material, workmanship and performance under normal use.

For full information please see the warranty provision on [howe.com](http://howe.com).



