



DESIGN BY HOWE 1974 / KOMPLOT DESIGN 2002 / 2009 • HOWE.COM/TEMPEST

# 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

### TABLE TOP

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:

0.08" matching hardwood edge on veneer table tops.

0.08" hardwood edge on laminate table tops.

0.08" matching ABS edge on laminate table tops.

Chamfered open MDF with transparent lacquer and 0.08" ABS-edge on laminate table tops.

### 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, HOWE grey or aluminium coloured powder coating (40-100 µ).

**GLIDES & CASTORS**

Two adjustable glides and two castors as standard in order to manoeuvre and transport tables easily from area to area. Glides and castors are in polyamide (POM). The glides are adjustable up to 0.39".

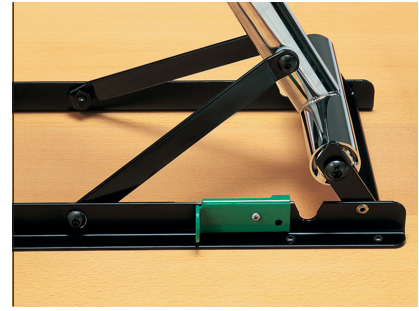
**MECHANISM**

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 alluminium, coated in aluminium colour.

**SUB COMPONENTS**

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



## VARIETIES

### FOLDING MECHANISM

The Tempest table is also 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. Big size Tempest tables with double T leg design are with folding mechanism or with a fixed base.

### 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 table (normal fold) folds within 4.5". Overfold table folds within 6.3". 5 tables can be stacked on table transporter.

## DIMENSIONS AND WEIGHT

### DIMENSIONS

The height of table is 28.7"

The height of the bar version is 41.3"

The height of the lounge version is 15.7"

The T-style footspread for flip top table and folding table (normal fold and overfold version) is 21.7"

The TT-style footspread for folding table is 35.4"

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



**BEAM LENGTH ON FLIP-TOP TABLES**

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	

**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.  
 Rectangular 60" x 30" folding table in veneer with chromed T-base weighs 69 lb.



#### STANDARD SHAPES & SIZES

##### RECTANGLES:

48" x 24"

48" x 30"

60" x 30"

72" x 30"

72" x 36"

78" x 40"

84" x 42"

96" x 48"

##### HALF ROUNDS:

60" x 30"

##### TRAPEZOIDS:

60" x 30"

##### CRESCENTS:

48" x 30"

60" x 30"

##### SQUARES (cafe height):

30" x 30"

##### SQUARES (bar height):

30" x 30"

36" x 36"

##### SQUARES (lounge height)

24" x 24"

##### V-SHAPES:

60" x 30" mm

##### ROUNDS (café height):

Ø30"

Ø36"

Ø42"

Ø48"

##### ROUNDS (bar height):

Ø30"

Ø36"

## ACCESSORIES

ELECTRIFICATION SOLUTIONS please see the separate electrification document.

MODESTY PANEL in 0.79" MDF finished with veneer or laminate. Removeable. Edge details are 0.12" hardwood edge or 0.08" ABS-edge. Panel height is 9.84". Panel is attached to the reverse side of the table top. Option of retractable modesty panel to fold away under the table when not in use.

MODESTY PANEL in 0.35" MDF finished with veneer or laminate. Removeable. Edge detail as on table tops. Panel height is 9.84". Panel to be hung on two or three hooks attached underneath the table top.

MODESTY PANEL in 0.16". green shaded acrylic mounted on hooks. Attachable. Panel height is 9.84".



LINKING BRACKETS in 0.12". high-density steel, glassblown 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. A-kit for rectangular tables and L-kit for all other shapes. The A-kit stores up to 10 tables, nested on short side (tables without overfold). Nest top against top and base against base. 2 fixed wheels and 2 multidirectional wheels with brakes. Safety straps to hold tables in place during transport. The transporter fits for all Tempest folding tables within standard size. Up to 1322,8 lb load. Delivered flat packed (pallet size). Easy assembled with 26-28 screws.

Dimensions for A-kit: Height: 44.5", length: 79.1", depth: 22".

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

The dimensions are without tables on the transporter.

## ERGONOMY & 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 flip-top table has been subjected to the EN 15372:2008 strength and durability, test, level 3. The flip-top table has also passed the the ANSI/BIFMA X5.5 test.

The folding table has been subjected to the EN 15372:2008, level 3 for strength and durability. The table passed without damages or signs of beginning damages.

The fixed table has been subjected to the ANSI/BIFMA X5.5 for strength and durability. The table passed without damages or signs of beginning damages.

## 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).