

# 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

25 mm chipboard when surface is veneer, laminate or melamine. 25 mm MDF when surface is linoleum. 40 mm abacia when 40 mm tabletop thickness is chosen.

### VENEER VERSION

Natural wood veneer or stained wood veneer.  
0,6 mm knife-cut sanded veneer on both sides.  
Total thickness of 27 mm.

Standard finishes come in maple, beech, oak, cherry, ash, birch, and walnut as well as stained in black, walnut, and white.

### LAMINATE VERSION

Coloured laminates or wood grain laminates. 0,8 mm laminate on both sides. Total thickness of 27 mm.

Standard coloured laminates are Howe grey, grey, stone grey, black, white, and metal slate.

Standard wood grain laminates are oak, grey oak, walnut, and beech. Other colours or wood grains available upon request.



**MELAMINE VERSION**

Melamine surface on both sides. Total thickness of 25 mm. Standard melamine finish is white.

**LINOLEUM VERSION**

Linoleum surface (Forbo Desktop) on top and light brown paper on backside. Total thickness of 27 mm.

Standard colour is black. Any Forbo Desktop colour available.

**NANO LAMINATE VERSION**

Nano laminate surface on top and white laminate on backside. Total thickness of 27 mm.

Standard colours are black, eggshell white and warm grey. Not all sizes are available with nano laminate. See price list for more info.

**EDGES**

Standard options include:

Matching hardwood edge on veneer tabletops.  
Matching ABS edge on laminate, nano laminate, melamine and linoleum 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:

Ø45 x 2,0 mm gauge on upright tube and 50 x 25 x 2,0 mm gauge on elliptical foot.

TT-legs:

Ø45 x 2,0 mm gauge on upright tube and 50 x 25 x 2,0 mm gauge on elliptical foot.

S-legs:

Ø45 x 1,5 mm gauge on upright tube and 50 x 25 x 2,0 mm gauge on elliptical foot.

S3-legs:

Ø76 x 2,0 mm gauge on upright tube and 50 x 25 x 2,0 mm gauge on elliptical foot.

All Tempest feet are supported with an inner tube dim. 20 x 20 x 2,0 mm gauge to assure strength.

Base finish comes in chrome3 (20-50 µ) and black, satin black, white, 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 plastic (POM). The glides are adjustable up to 10 mm.

**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 Ø50 x 4,0 mm 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

The Tempest table is also available with folding mechanism. The folding mechanism is user-intuitive and rigorously engineered. Subframe is 35 x 23 x 3,0 mm 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.

### TEMPEST CONFIGURATIONS

Tempest Configuration is a concept with big size tables for fixed settings. The legs are shared to minimize cost. The concept accommodates from 10 to 26 seats and each seat has 700 mm space. The double T leg design are fixed and with adjustable glides. Available as rectangular and boatshape and comes in veneer and laminate.

## STACKING CAPACITY

Flipped tables have a nesting depth of 130 mm. 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 115 mm. Overfold table folds within 160 mm. 5 tables can be stacked on table transporter.

## DIMENSIONS AND WEIGHT

### DIMENSIONS

Height of table: 730 mm.

Height of bar version: 1050 mm.

Height of lounge version: 400 mm.

T-style footspread for flip top table and folding table (normal fold and overfold version): 550 mm.

TT-style footspread for folding table: 900 mm.

Cross base style foot spread: 600 mm, 810 mm or 1092 mm depending on the size and shape of the table.

## BEAM LENGTH ON FLIP-TOP TABLES

Length & shape	Small 706 mm	Medium 1036 mm	Big 1440 mm
1200 x 600 Rectangular		X	
1200 X 750 Rectangular		X	
1200 X 800 Rectangular		X	
1400 X 700 Rectangular		X	
1500 X 750 Rectangular		X	
1600 X 800 Rectangular		X	
1800 x 750 Rectangular			X
1800 x 800 Rectangular			X
1800 x 900 Rectangular			X
2000 x 1000 Rectangular			X
1200 x 750 Crescent		X	
1400 x 700 Crescent		X	
1500 x 750 Crescent		X	
1600 x 800 Crescent			X
1500 x 750 Trapezoid	X		
1600 x 800 Trapezoid	X		
1500 x 750 V-concept		X	
1400 x 700 Half-round		X	
1500 x 750 Half-round		X	
1600 x 800 Half-round		X	

### WEIGHT

Rectangular 1500 x 750 mm flip-top table in veneer with chromed T-base weighs 30 kg.

Round Ø1050 mm flip-top table with veneer top and chromed S-leg weighs 19 kg.

Round Ø750 mm flip-top bar table with veneer top and chromed S-leg weighs 16 kg.

Rectangular 1500 x 750 mm folding table in veneer with chromed T-base weighs 31,3 kg.

Tempest Configuration 1200 x 4900 mm in veneer with chromed TT-base weighs 155,7 kg.

**STANDARD SHAPES & SIZES IN MM**

<b>RECTANGLES:</b>	<b>TRAPEZOIDS:</b>	<b>SQUARES - lounge height:</b>
1200 x 600	1500 x 750	600 x 600
1200 x 750	1600 x 800	
1200 x 800		<b>V-SHAPES:</b>
1400 x 700	<b>CRESCENTS:</b>	1500 x 750
1500 x 750	1200 x 750	
1600 x 800	1400 x 700	<b>ROUNDS - café height:</b>
1800 x 750	1500 x 750	Ø750
1800 x 800	1600 x 800	Ø900
1800 x 900		Ø1050
2000 x 1000	<b>SQUARES - café height:</b>	Ø1200
2400 x 1200	700 x 700	
	750 x 750	<b>ROUNDS - bar height:</b>
<b>HALF ROUNDS:</b>	800 x 800	Ø750
1400 x 700		Ø900
1500 x 750	<b>SQUARES - bar height:</b>	
1600 x 800	750 x 750	<b>DROP-IN TOPS - square:</b>
	900 x 900	700 x 700
		750 x 750
		800 x 800

**STANDARD SHAPES & SIZES IN MM FOR TEMPEST CONFIGURATIONS**

<b>RECTANGLES:</b>	1400 x 6300	1200 x 4900
1200 x 2800	1400 x 7000	1200 x 5600
1200 x 3500	1600 x 2400	1200 x 6300
1200 x 4200	1600 x 3500	1200 x 7000
1200 x 4900	1600 x 5250	1400 x 3500
1200 x 5600	1600 x 7000	1400 x 4200
1200 x 6300		1400 x 5600
1200 x 7000	<b>BOAT-SHAPES:</b>	1400 x 6300
1400 x 3500	1200 x 2800	1400 x 7000
1400 x 4200	1200 x 3500	
1400 x 5600	1200 x 4200	

**ACCESSORIES**

ELECTRIFICATION SOLUTIONS - please see HOWE price list.

MODESTY PANEL in 20 mm chipboard finished with veneer or laminate. Removeable. Edge details are 3 mm hardwood edge or 2 mm ABS-edge. Panel height is 250 mm.

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 9 mm chipboard finished with veneer, laminate or linoleum. Removable. Edge detail as on table tops. Panel height is 250 mm. Panel to be hung on two or three hooks attached underneath the table top.

LINKING BRACKETS in 3 mm high-density steel, glass-blown and coated black. Dimensions are 70 mm x 70 mm. Brackets are placed symmetrically in all corners of the table top. Capture arm also in high-density steel, glassblown and coated black - 120 x 32 mm.

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: 960 mm, Length: 2000 mm, Depth: 915 mm.

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 multi-directional 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 600 kg load. Delivered flat packed (pallet size). Easy assembled with 26-28 screws.

Dimensions for A-kit:

Height: 1130 mm, length: 2010 mm, depth: 560 mm.

Dimensions for L-kit:

Height: 1255 mm, length: 2010 mm, depth: 775 mm.

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).



