



DESIGN BY HOWE 1974 / KOMPLOT DESIGN 2002 / 2009 • WWW.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

TABLETOPS

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, black, white and grey. Any Formica Colour System colour available. Standard wood grain laminates are maple, beech, oak, cherry, walnut and Punga Punga (wengé).

MELAMINE VERSION

Melamine surface on both sides. Total thickness of 25 mm. Standard melamine finishes are white, grey, HOWE grey, maple, beech, oak and walnut.

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:

2 mm matching hardwood edge on veneer tabletops.

2 mm hardwood edge on laminate tabletops.

2 mm matching ABS edge on laminate and melamine tabletops.

Chamfered open MDF with transparent lacquer and 2 mm ABS-edge on laminate tabletops.



Open straight or chamfered MDF edge with transparent lacquer on linoleum tabletops.
2 mm black ABS edge on linoleum tabletops.
1 mm matching ABS edge on nano 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:

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, 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.

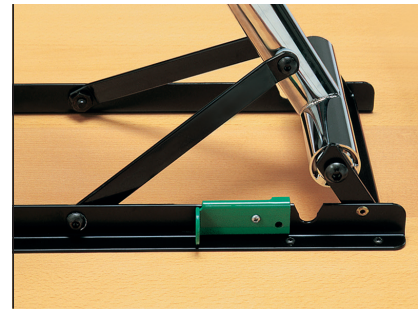
MECHANISM

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 50 x 50 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 always with folding mechanism.

DEMOUNTABLE LEG OPTION (FIXED LEGS)

Tempest tables are available with fixed, demountable legs. For special requirements, the leg positioning can be designed according to desired configurations. With help from the preinserted bushes, legs can be moved around at site and have the double function as a linking device. A lower cost option for compatible design. The Top & Leg system 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 24 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 it only 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 113 mm. 5 tables can be stacked on table transporter.

DIMENSIONS AND WEIGHT

DIMENSIONS

The height of table is 730 mm.

The height of the bar version is 1050 mm.

The height of the lounge version is 400 mm.

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

The TT-style footspread for folding table is 900 mm.

The S- and S3-style foot spread is either 600 mm, 810 mm or 1092 mm.

depending on whether round and square table top sizes is up till or over 800 mm.



BEAM LENGTH ON FLIP-TOP TABLES

LENGTH SHAPE	SMALL (707 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 800 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

RECTANGLES:

1200 x 600 mm
 1200 x 750 mm
 1200 x 800 mm
 1400 x 700 mm
 1500 x 750 mm
 1600 x 800 mm
 1800 x 750 mm
 1800 x 800 mm
 1800 x 900 mm
 2000 x 1000 mm
 2400 x 1200 mm

HALF ROUNDS:

1400 x 700 mm
 1500 x 750 mm
 1600 x 800 mm

TRAPEZOIDS:

1500 x 750 mm
 1600 x 800 mm

CRESCENTS:

1200 x 750 mm
 1400 x 700 mm
 1500 x 750 mm
 1600 x 800 mm

SQUARES (café height):

700 x 700 mm
 750 x 750 mm
 800 x 800 mm

SQUARES (bar height):

750x750 mm
 900x900 mm

SQUARES (lounge height)

600 x 600 mm

V-SHAPES:

1500 x 750 mm

ROUNDS (café height):

Ø750 mm
 Ø900 mm
 Ø1050 mm
 Ø1200 mm

ROUNDS (bar height):

Ø750 mm
 Ø900 mm

DROP-IN TOPS - square:

700 x 700 mm
 750 x 750 mm
 800 x 800 mm

DROP-IN TOPS

- eased triangle:
 700 x 700 mm
 750 x 750 mm
 800 x 800 mm

STANDARD SHAPES & SIZES FOR TEMPEST CONFIGURATIONS

RECTANGLES:

1200 x 2800 mm
 1200 x 3500 mm
 1200 x 4200 mm
 1200 x 4900 mm
 1200 x 5600 mm
 1200 x 6300 mm
 1200 x 7000 mm
 1400 x 2800 mm
 1400 x 3500 mm
 1400 x 4200 mm

1400 x 4900 mm
 1400 x 5600 mm
 1400 x 6300 mm
 1400 x 7000 mm

BOATSHAPE:

1200 x 2800 mm
 1200 x 3500 mm
 1200 x 4200 mm
 1200 x 4900 mm
 1200 x 5600 mm

1200 x 6300 mm
 1200 x 7000 mm
 1400 x 2800 mm
 1400 x 3500 mm
 1400 x 4200 mm
 1400 x 4900 mm
 1400 x 5600 mm
 1400 x 6300 mm
 1400 x 7000 mm



ACCESSORIES

ELECTRIFICATION SOLUTIONS please see the separate electrification document.

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 hooks attached underneath the table top.

MODESTY PANEL in 4 mm green shaded acrylic mounted on hooks. Attachable. Panel height is 250 mm.

LINKING BRACKETS in 3 mm high-density steel, glassblown 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 mm 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: 2001 mm, Depth: 915 mm.

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



Dimensions for A-kit: Height: 1131 mm, length: 2010 mm, depth: 562 mm.

Dimensions for L-kit: Height: 1255,5 mm, length: 2010 mm, depth: 775 mm.

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. No lifts are required. 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 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.

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 www.howe.com.