TEMPEST®

HOWE

PRODUCT DESCRIPTION

MOVING DESIGN SINCE 1928

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, 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 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 alluminium, 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 35 x 23 x 3,0 mm 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.

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 tables have a folded height of 115 mm. Up to 5 tables can be stacked on transporter.

DIMENSIONS AND WEIGHT

**Due to manufacturing tolerances, actualproduct dimensions may vary slightly from nominal values.*

DIMENSIONS

Height of table: 730 mm.
Height of bar version: 1050 mm.
Height of lounge version: 400 mm.

T-style footspread for flip top tables: 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.

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	
1800 x 900 Half-round		X	
2000 x 1000 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.

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

STANDARD SHAPES & SIZES IN MM

RECTANGLES - Flip + Fix versions:
1200 x 600
1200 x 750
1200 x 800
1400 x 700
1500 x 750
1600 x 795
1600 x 800
1800 x 750
1800 x 795
1800 x 800
1800 x 900

RECTANGLES - Flip version:
2000 x 795

RECTANGLES - Flip + Fold versions:
2000 x 1000

RECTANGLES - Fold version:
2400 x 1200

HALF ROUNDS - Flip + Fix versions:
1400 x 700
1500 x 750
1600 x 800
1800 x 900
2000 x 1000

TRAPEZOIDS - Flip version:
1500 x 750
1600 x 800

CRESCENTS - Flip version:
1200 x 750
1400 x 700
1500 x 750
1600 x 800

SQUARES - café height
- Flip + Fix versions:
700 x 700
750 x 750
800 x 800

SQUARES - bar height
- Flip + Fix versions:
750 x 750
900 x 900

SQUARES - lounge height
- Fix version:
600 x 600

V-SHAPES - Flip version:
1500 x 750

ROUNDS - café height
- Flip + Fix versions:
Ø750
Ø900
Ø1050
Ø1200

ROUNDS - bar height
- Flip + Fix versions:
Ø750
Ø900

STANDARD SHAPES & SIZES IN MM FOR TEMPEST CONFIGURATIONS - Fix only

RECTANGLES:

2800 x 1200	4200 x 1400
3500 x 1200	4900 x 1400
4200 x 1200	5600 x 1400
4900 x 1200	6300 x 1400
5600 x 1200	7000 x 1400
6300 x 1200	2400 x 1600
7000 x 1200	3500 x 1600
2800 x 1400	5250 x 1600
3500 x 1400	7000 x 1600

BOAT-SHAPES:

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

ACCESSORIES

ELECTRIFICATION SOLUTIONS - please see HOWE price list.

MODESTY PANEL in 20 mm chipboard finished with melamine, laminate, linoleum or veneer. Matching edges. Panel height is 250 mm.

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 9 or 12 mm MDF 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, 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 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.

RADIAL LINKING. The radial table linking system is designed to securely connect modular tables together while maintaining accurate alignment and a clean continuous surface. Mounted discreetly beneath the tabletop, the mechanism uses a rotating cam-lock design that allows two adjoining tables to be quickly joined without tools.

When the tables are positioned together, the connector engages with the corresponding fitting on the adjacent table. By rotating the central cam, the mechanism pulls the tables tightly together, reducing movement and ensuring consistent spacing and surface alignment. The curved locking action creates a progressive tightening effect, providing a secure and stable connection once fully engaged.

The low-profile construction allows the system to remain hidden during use and avoids interference with folding or nesting table frames. Manufactured from durable die-cast metal.

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.

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: 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.

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