



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

TABLETOP

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 26,2 mm. Standard finishes comes in maple, beech, oak, cherry, ash, birch, walnut and black stained ash.

LAMINATE VERSION

Coloured laminates or wood grain laminates. 0,8 mm laminate on both sides. Total thickness of 26,6 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 26,6 mm. Standard colour is black. Any Forbo Desktop colour available.

EDGES

Standard options include:

3 mm matching hardwood edge on veneer tabletops.

3 mm matching hardwood edge on wood grain laminate tabletops.

3 mm hardwood edge in beech on coloured laminate tabletops.

2 mm matching ABS edge on laminate, melamine and linoleum tabletops.



Chamfered open MDF with transparent lacquer and 2 mm ABS-edge on laminate and linoleum tabletops.
3 mm hardwood edge or 2 mm ABS edge on 40 mm tabletop.
Open straight or chamfered MDF edge with transparent lacquer on 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 chrome (20-50 µ), satin chrome (20-50 µ) and black, HOWE grey or aluminium coloured powder coating (40-100 µ).

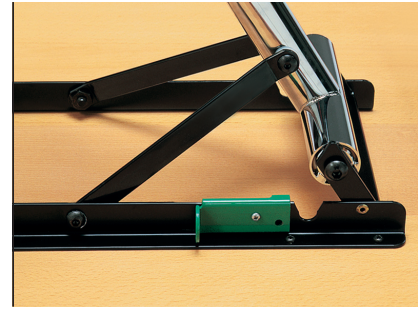
GLIDES & CASTORS

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 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 tabletop. The hinges are in die cast aluminium, coated in aluminium colour.



SUB COMPONENTS

Sub components are in HOWE grey plastic material. Wedges on tabletop 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.

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)
1200x600	Rectangular		X	
1200x750	Rectangular		X	
1200x800	Rectangular		X	
1400x700	Rectangular		X	
1500x750	Rectangular		X	
1600x800	Rectangular		X	
1800x750	Rectangular			X
1800x800	Rectangular			X
1800x900	Rectangular			X
2000x800	Rectangular			X
1200x750	Crescent		X	
1400x700	Crescent		X	
1500x750	Crescent		X	
1600x800	Crescent			X
1500x750	Trapezoid	X		
1600x800	Trapezoid	X		
1500x750	V-concept		X	
1400x700	Half-round		X	
1500x750	Half-round		X	
1600x800	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.

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:

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

SQUARES (loungé height)

600 x 600 mm

V-SHAPES:

1500 x 750 mm

ROUNDS (café height):

Ø900 mm
 Ø1050 mm
 Ø1200 mm

ROUNDS (bar height):

Ø750 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

POWER & DATA

POWER & DATA IN THE TABLETOP. Built in socket outlet box with 2 power sockets and 2 data connections as standard. Other solutions available per request. Push button initiates opening and closing of access port. Silver finish. Socket outlet box is 'Netbox Turn Comfort' from AH Meyer.



CABLE MANAGEMENT FITTINGS to guide cables underneath the tabletop. Consists of 25 individual links that can be plugged together. Screw fixed. Black or transparent finish. Fittings are 'Alpha cable trunking' from Häfele.

CABLE CHANNEL to hide cables from the tabletop to the floor. Cable channel in steel mounted on table leg with screws. Chrome or powdercoated finish.

SOCKET ACCESS PORT in anodized aluminium. Anodized extruded aluminium cover with brushes. Dimension Ø84,5 mm.

ACCESSORIES

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 tabletop. 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. Removeable. Edge detail as on tabletops. Panel height is 250 mm. Panel to be hung on two hooks attached underneath the tabletop.

MODESTY PANEL in 3 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 TABLETOPS 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 in steel constructed frame. The bed is raw plywood with edge protection. Stores up to 6 tables. Height: 1033 mm, Length: 1900 mm, Depth: 915 mm.

TABLE TRANSPORTER for folding tables in steel constructed frame, painted black with texture. The bed is carpeted chipboard for protective stacking. Powder coated in HOWE grey colour. Stores up to 5 folding tables. Height: 870 mm, Length: 1065 mm, Depth: 780 mm.

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 DS/EN 15372:2009 strength and durability, test level 3. The flip-top table has also passed the BIFMA test.

The folding table has been subjected to the ISO/DIS 8019:1986 table strength and durability, test level 5. Further to the stability test ISO 7172:1988. The table passed without damages or signs of beginning damages.

WARRANTIES

HOWE a/s gives a 5 years guarantee on all Tempest tables against weld breakages, defective material, workmanship and performance under normal use. The guarantee is valid as from date of shipment. The HOWE warranty becomes invalid, if the product exhibits signs of abuse or improper handling or other physical damage. The HOWE warranty excludes those parts, which are subject to normal wear and tear in use.