DYNAMIC ENGINEERING
by Pasha

DESIGN · MANUFACTURE · EXCEL

CUSTOMER INSTALLATION GUIDE · TV STANDS AND COLUMNS · KEEP WITH THE PRODUCT

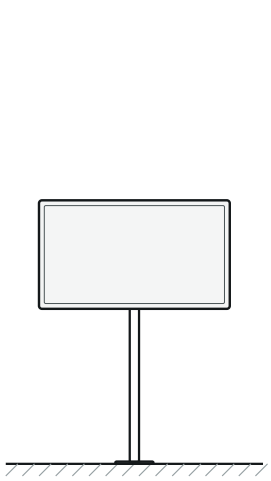
INSTALLATION GUIDE

TV COLUMNS & STANDS

How to fix your column to the floor or ceiling, check the support rings, and hang and lock your screen safely. Read it all before you start, and keep it with the product.

WHICH COLUMN DO YOU HAVE?

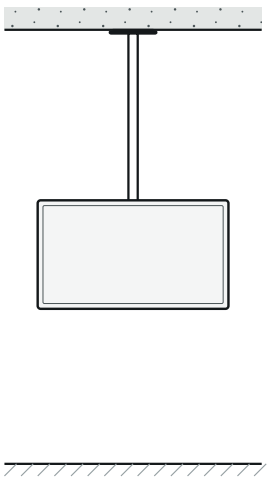
FOLLOW YOUR PAGES IN THIS ORDER



FLOOR-MOUNTED

YOUR PAGES

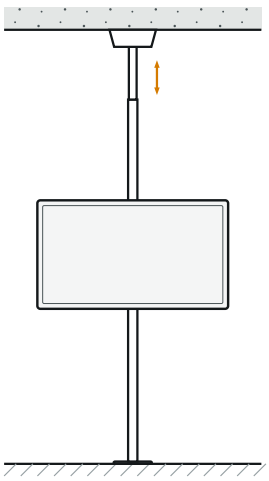
2 → 3 → 5 → 6 → 8 → 9 → 12



CEILING-MOUNTED

YOUR PAGES

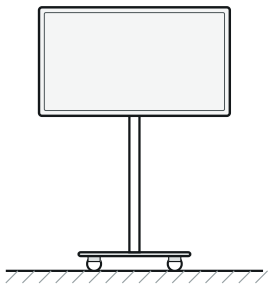
2 → 4 → 5 → 7 → 8 → 9 → 12



FLOOR-TO-CEILING

YOUR PAGES

2 → 4 → 5 → 6 → 7 → 8 → 9 → 12



MOBILE STAND

YOUR PAGES

2 → 10 → 11 → 9 → 12

READ BEFORE YOU START

Floor, ceiling and floor-to-ceiling columns are **not free-standing.** Never hang a screen on a column that is not fixed — not even for a quick test.

Mobile stands: **bolt the head to the column first** — page 10.

Fixings are not included — page 5 shows what to buy.

Not sure about your floor or ceiling? **Call us before you drill.**

IN THIS GUIDE

01	Before you start	PAGE 2
02	What you get — floor-mounted	PAGE 3
03	What you get — ceiling & floor-to-ceiling	PAGE 4
04	Choose your fixing	PAGE 5
05	Fix a floor-mounted column	PAGE 6
06	Fix a ceiling or floor-to-ceiling column	PAGE 7
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08	Hang and lock the screen	PAGE 9
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11	Final checks & record	PAGE 12

Not sure about your floor or ceiling? Call us before you drill. INSTALLATION SUPPORT

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SCOPE OF DOCUMENT

Customer installation of floor-mounted, ceiling-mounted, floor-to-ceiling and mobile TV columns made by Dynamic Engineering by Pasha.

EST. 2004

DOC DEP-INS-01

REV A

DATE 11-2026

01 BEFORE YOU START

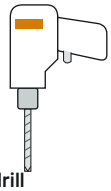
SAFETY · TOOLS

SAFETY RULES

READ ALL EIGHT

1. **Fix the column before you hang the screen** — to the floor, the ceiling or both. An unfixed column will fall.
2. **Fix only into solid, strong material.** Check the floor or ceiling under the column. Not sure? Call us.
3. **Check for hidden pipes, cables and underfloor heating** before you drill.
4. **Mobile stands: bolt the head to the column first** — page 10.
5. **Hang only the screen your column was ordered for** — right size, right weight.
6. **Two people** to lift the column and to hang the screen. Use a stable ladder.
7. **Do not change the product** — no drilling, cutting or welding.
8. **Never let anyone climb on or hang from** the screen or the column.

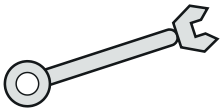
TOOLS YOU NEED



Hammer drill
concrete bit to suit your plugs



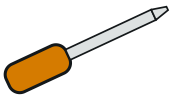
Tile bit
for tiled or stone floors



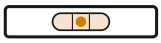
Spanner
or socket, for the hex screws



Allen key set
metric, for the small screws



Screwdriver
for the VESA screws



Spirit level
to check it is upright



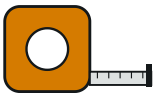
Vacuum cleaner
or a blow-out pump



Hammer
to tap in the plugs



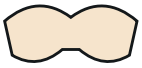
Marker + tape
to mark holes, hold rosettes



Tape measure
for floor-to-ceiling heights



Stable ladder
for ceiling work



Glasses + gloves
and a dust mask

UNPACK AND CHECK

Unpack on a soft blanket and check every part against **What you get** — page 3 or 4.

Something missing or damaged? **Call us before you start.**

FIXINGS NOT INCLUDED

Buy them for your floor or ceiling — **page 5** shows what to get.

Any hardware store sells them.

RATHER HAVE IT INSTALLED?

Our team installs all our columns, including **ceiling and floor-to-ceiling** columns.

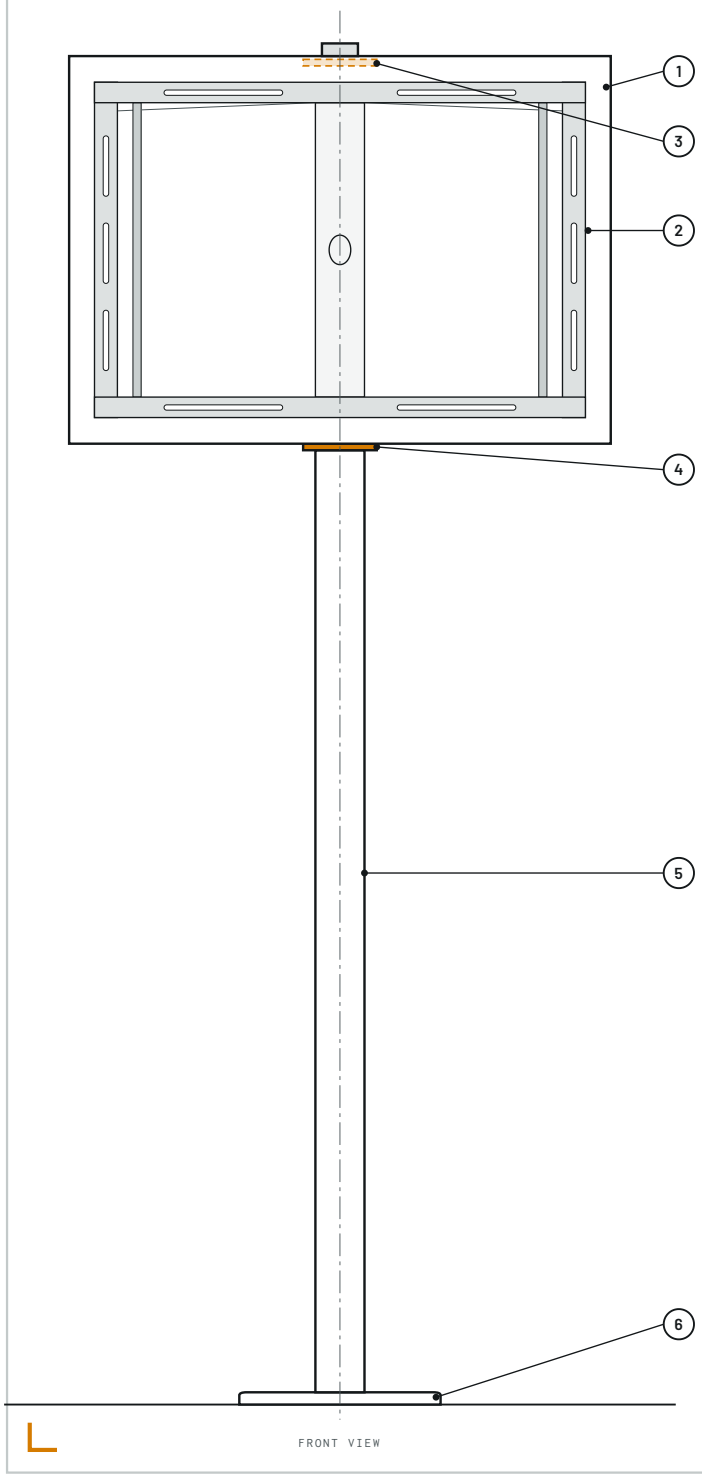
Call us — we are happy to help.

NEXT Floor-mounted: **page 3.** Ceiling or floor-to-ceiling: **page 4.** Mobile stand: **page 10.**

02 WHAT YOU GET — FLOOR-MOUNTED COLUMN

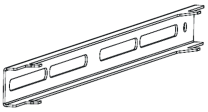
MOBILE STAND? GO TO PAGE 10

DELIVERED READY ASSEMBLED



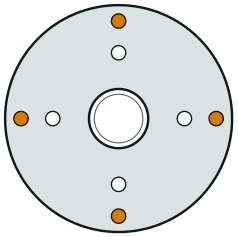
FRONT VIEW

1. **TV HEAD**
   Turns on plastic bearings. The back cover is held by 4 screws.
2. **MOUNTING FRAME**
   The screen hangers hook onto its top and bottom bars.
3. **RING 2 · STOPPER RING**
   Inside the head. Sets how far the screen turns.
4. **RING 1 · SUPPORT RING**
   Under the head. The head rests on it.
5. **COLUMN**
   Cables run inside.
6. **ROSETTE**
   Round cover over the base plate. Slides up the column.
7. **BASE PLATE**
   Welded to the column. 8 holes — 4 fixings are enough.
8. **TWO SCREEN HANGERS**
   Included, with 2 M5 lock screws.



9. **FIXINGS — NOT INCLUDED**
   Buy them for your floor — see page 5.

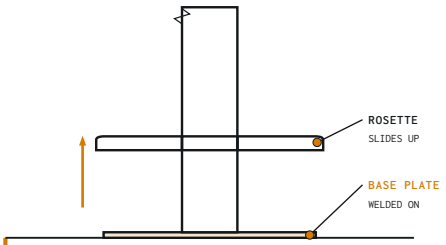
BASE PLATE · FROM ABOVE



4 FIXINGS
one on each side

SPARE HOLES
not needed

ROSETTE · LIFTED UP



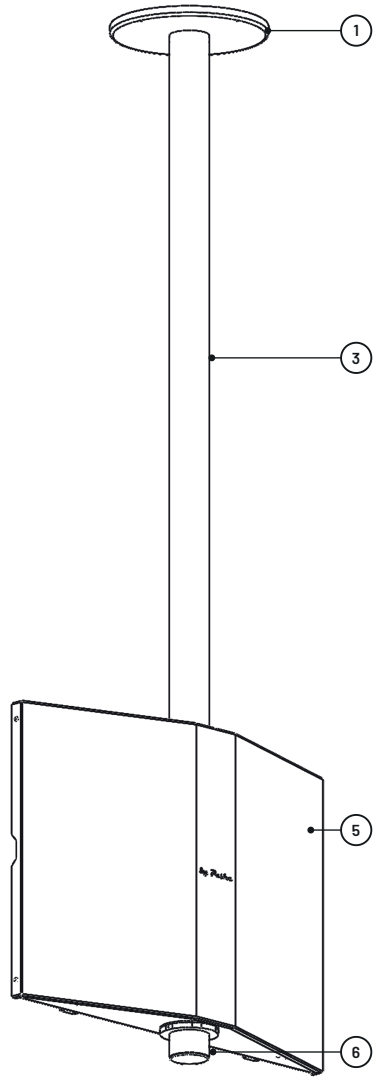
NEXT Choose the fixings for your floor — **page 5.**

03 WHAT YOU GET — CEILING & FLOOR-TO-CEILING

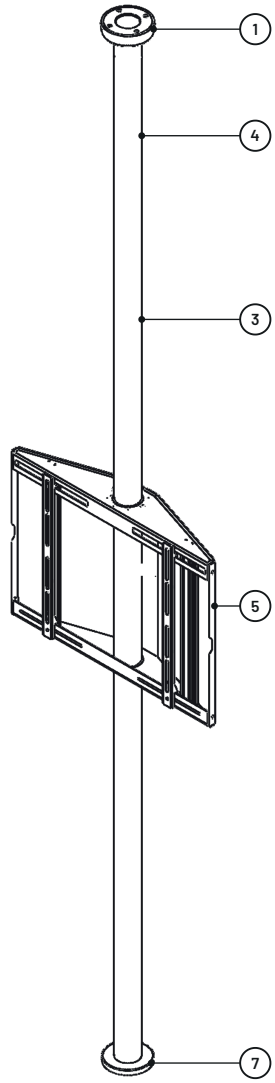
MOBILE STAND? GO TO PAGE 10

Both are the same column: a **ceiling-mounted** column is fixed to the ceiling only, a **floor-to-ceiling** column to both the floor and the ceiling.

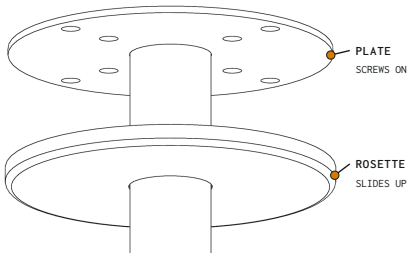
CEILING-MOUNTED



FLOOR-TO-CEILING

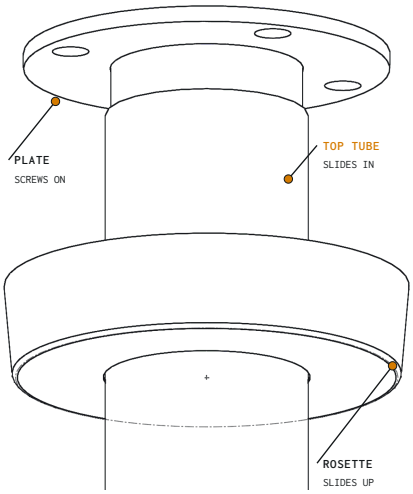


CEILING PLATE + ROSETTE



The flat rosette slides up over the plate.

FLOOR-TO-CEILING: TOP



The **top tube** is slightly smaller and slides inside the column, so the column fits your ceiling height.

1. **CEILING PLATE**
   Screws to the ceiling.
2. **ROSETTE**
   Round cover. Slides over the plate.
3. **COLUMN**
   Cables run inside.
4. **TOP TUBE — floor-to-ceiling**
   Slightly smaller. Slides in for height.
5. **TV HEAD**
   Back cover held by 4 screws. Two support rings — page 8.
6. **RING 1 · SUPPORT RING**
   Under the head. The head rests on it.
7. **FLOOR PLATE + ROSETTE**
   Floor-to-ceiling only.
8. **TWO SCREEN HANGERS**
   Included, with 2 M5 lock screws.

NEXT **Fixings are not included** — choose them for your ceiling and floor on **page 5.**

04 CHOOSE YOUR FIXING

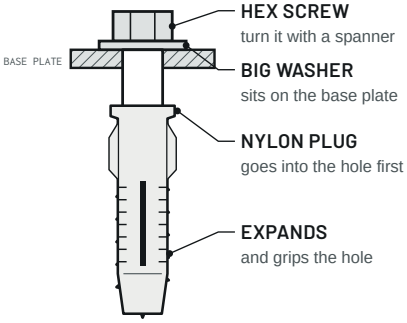
MOBILE STAND? GO TO PAGE 10

For almost every floor and concrete ceiling, use **heavy-duty nylon plugs with hex screws** — known in Israel as **"dibel" screws** and our most common fixing. Anchor bolts also work in solid concrete. Any hardware store sells both.

NYLON PLUG + HEX SCREW

MOST COMMON

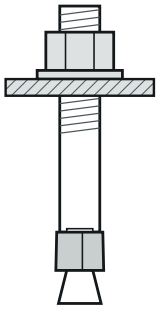
"dibel" · coach screw with plug



Works in concrete, stone and most solid floors. Smaller and neater than anchor bolts.
Typical: 10 mm screw, about 100 mm long, with its 14 mm plug.

ANCHOR BOLT

wedge anchor · M10 or M12

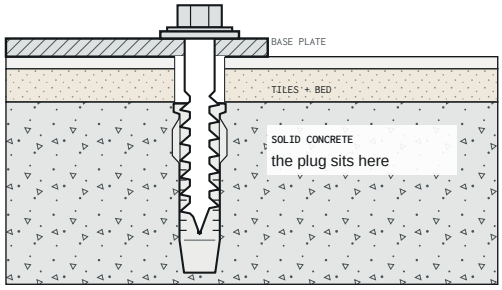


Solid concrete only.

About 100 mm long, sold with its nut and washer.

Expanding clip grips the hole when you tighten the nut.

INTO THE SOLID MATERIAL

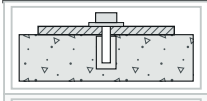
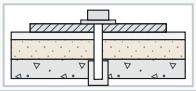
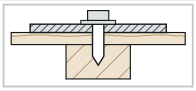
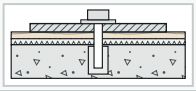


IS YOUR FLOOR OR CEILING STRONG ENOUGH?

The material under the column must be **solid and strong.** Stop and call us if it sounds hollow, crumbles when you drill, or moves underfoot.

How many? Floor and ceiling plates: **at least 4 fixings, one on each side.** Floor-to-ceiling top plate: **a fixing in every hole.**

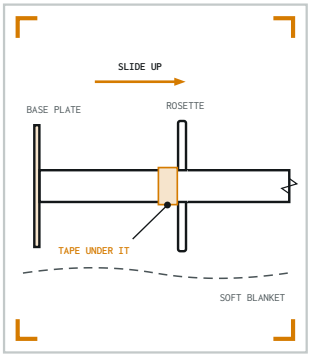
Never use small light-duty plugs, nails, glue or tape — or fixings that stop in the tiles.

SECTION	YOUR FLOOR OR CEILING	USE	GOOD TO KNOW
	**Concrete floor or ceiling**	**Plug + hex screw, or anchor bolts**	Drill straight into the concrete.
	**Tiles, stone or marble on concrete**	**Plug + hex screw**	Tile bit, hammer off. The plug must sit in the concrete below.
	**Wooden floor or platform**	**Hex screw only, no plug**	Into the joists, not just the floorboards.
	**Floating floor (laminate, vinyl)**	**As the floor below**	Fix through it into the floor underneath.
	**Plasterboard ceiling, hollow or soft floor — or not sure**	Call us	Don't drill until you have spoken to us.

NEXT Floor-mounted and floor-to-ceiling: **page 6.** Ceiling-mounted: **page 7.**

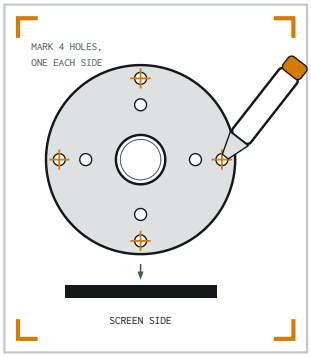
05 FIX A FLOOR-MOUNTED COLUMN

TWO PEOPLE



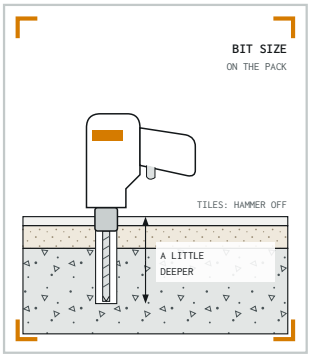
1 LIFT THE ROSETTE

Lay the column on a blanket. Slide the rosette up the column and wrap tape round the column **just under it,** so it stays up.



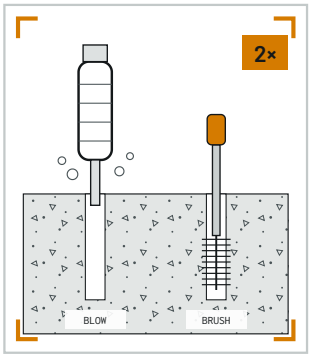
2 MARK 4 HOLES

Two people stand the column in place, screen side to the viewers. Mark **4 holes — one on each side.** Make sure no pipes or cables run below.



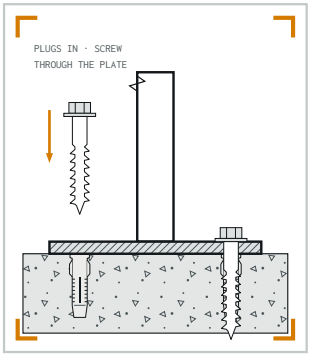
3 DRILL

Tiles: drill through them with a tile bit, **hammer off.** Then drill into the concrete with the **bit size on the plug pack,** a little deeper than the plug.



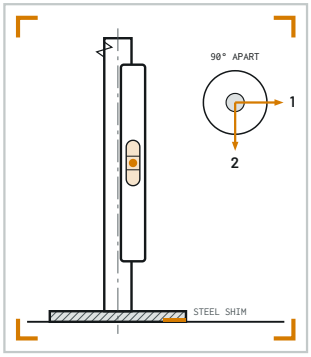
4 CLEAN THE HOLES

Vacuum or blow the dust out of every hole.



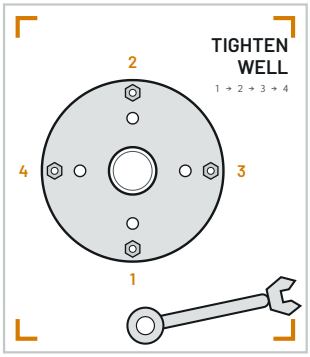
5 PLUGS IN, SCREWS THROUGH

Tap the plugs in flush. Stand the column back over them and screw the hex screws, **with their washers,** through the plate. (Anchor bolts: push them through the plate and tap them down.)



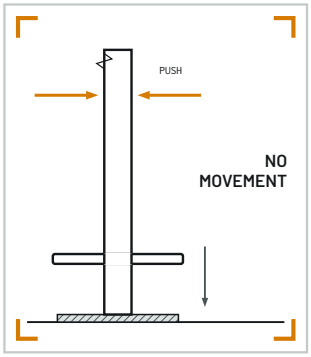
6 CHECK IT IS UPRIGHT

Hold a spirit level on two sides of the column. If it leans, put thin steel shims under the plate.



7 TIGHTEN WELL

Tighten the screws **firmly** with a spanner, crosswise (1 → 2 → 3 → 4), until the column cannot move.



8 TEST, THEN COVER

Push the top of the column firmly in every direction — **the base must not move.** Remove the tape and slide the rosette back down.

NEXT Floor-to-ceiling? Go on to **page 7.** Otherwise: support rings — **page 8.**

06 FIX A CEILING OR FLOOR-TO-CEILING COLUMN

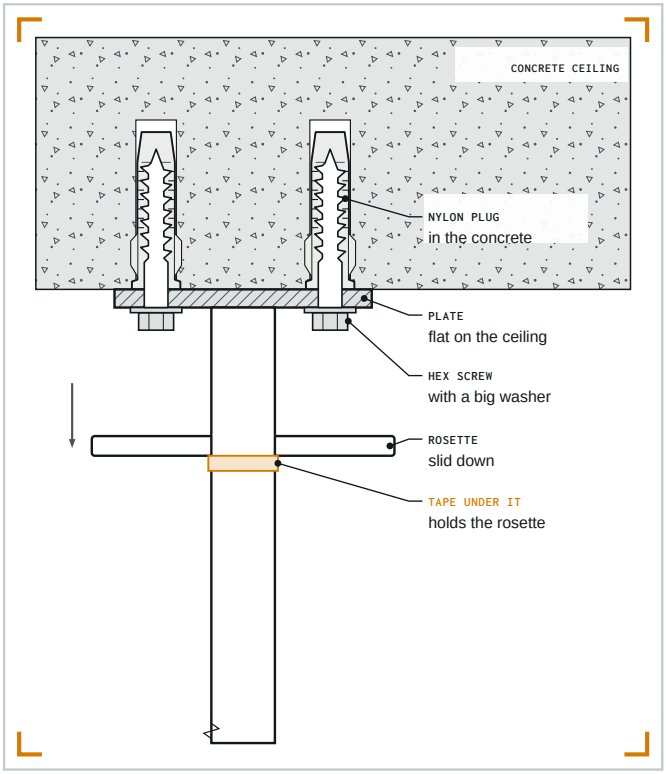
TWO PEOPLE · LADDER

CEILINGS: SOLID CONCRETE ONLY

ANYTHING ELSE? CALL US FIRST

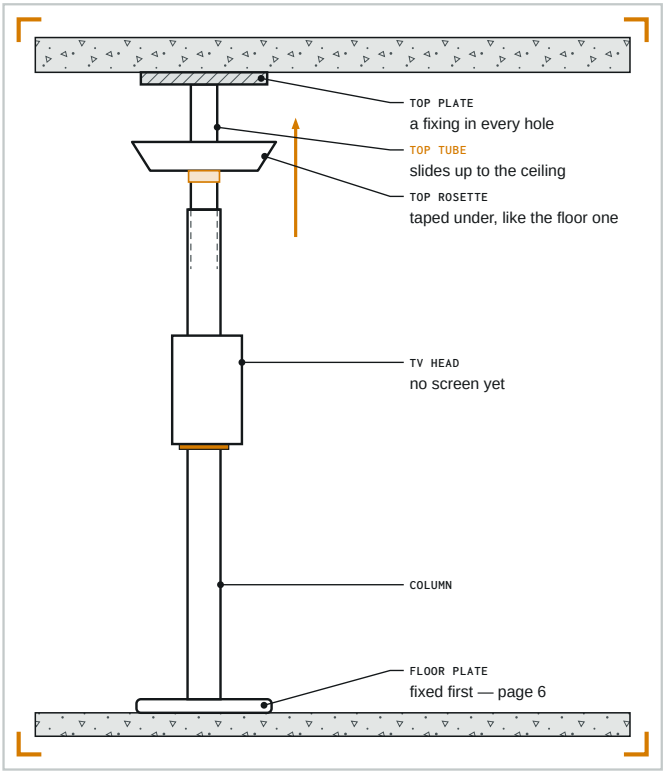
Plasterboard, a suspended ceiling, wood or hollow blocks need a different fixing — **call us before you drill.** Fix with plugs and hex screws, or anchor bolts — page 5.

CEILING-MOUNTED



1. Slide the rosette down the column, away from the plate, and wrap tape round the column **under it.**
2. Two people hold the column up with its plate flat on the ceiling, where it goes. **Mark at least 4 holes, one on each side.**
3. Drill into the concrete with the bit size on the plug pack. Clean the holes and tap the plugs in.
4. Lift the column back and screw the hex screws, **with washers,** through the plate. Tighten firmly.
5. Check it is upright with a spirit level on two sides. Push it firmly — **it must not move.**
6. Remove the tape and slide the rosette up to the ceiling.

FLOOR-TO-CEILING



1. Fix the floor plate first, exactly like a floor-mounted column — **page 6.**
2. Slide the top rosette down and tape it under, like the floor one.
3. Slide the **top tube** up out of the column until its plate sits flat on the ceiling. Check the column is upright.
4. Mark the ceiling holes. Slide the tube down, then drill, clean and tap the plugs in.
5. Slide the tube back up and screw the plate on firmly — **a fixing in every hole.**
6. Remove the tape and slide both rosettes into place.

WORKING OVERHEAD

Two people and a **stable ladder.** Wear **safety glasses** — dust and chips fall down. Hold the column until every screw is in, never leave it standing loose, and keep children and pets away while you work.

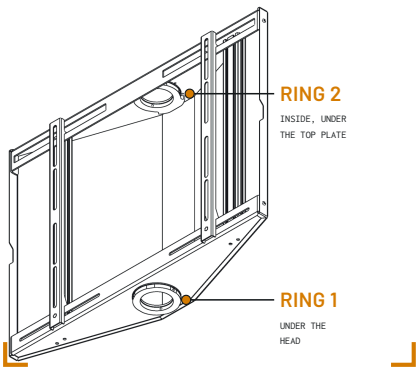
NEXT Check the two support rings — **page 8,** then hang and lock your screen — **page 9.**

07 THE TWO SUPPORT RINGS

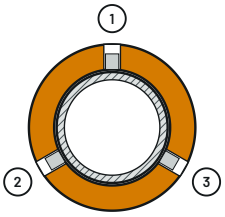
CHECK BEFORE YOU HANG THE SCREEN

The head sits on **two different rings,** each held by three small hidden screws. They come tightened from our factory — just check them. **Ring 2 also sets how far the screen turns.**

WHERE THEY GO

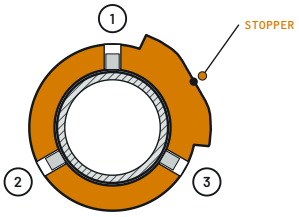


RING 1 · SUPPORT RING



Under the head.
The head rests on it.

RING 2 · STOPPER RING

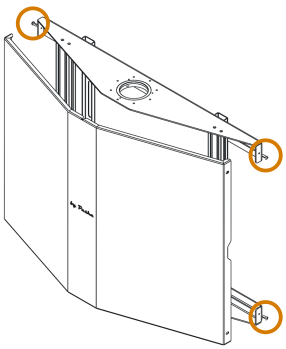


Inside the head, under the top plate.
Sets how far the screen turns.

CHECK BOTH RINGS

1. **Remove the back cover:** undo its 4 screws (2 on each side) and lift it off. Keep the screws.
2. Tighten the **3 screws of each ring firmly** with the 2.5 mm Allen key.
3. Try to move both rings by hand — **they must not move.** A screw spins or a ring slips? **Call us.**

BACK COVER — 4 SCREWS



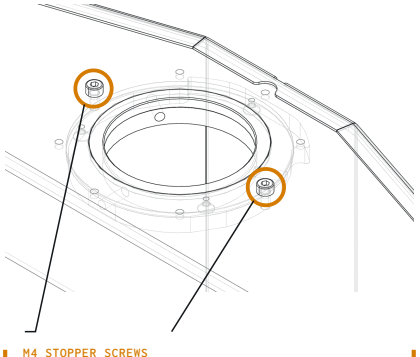
RINGS NOT FITTED YET?

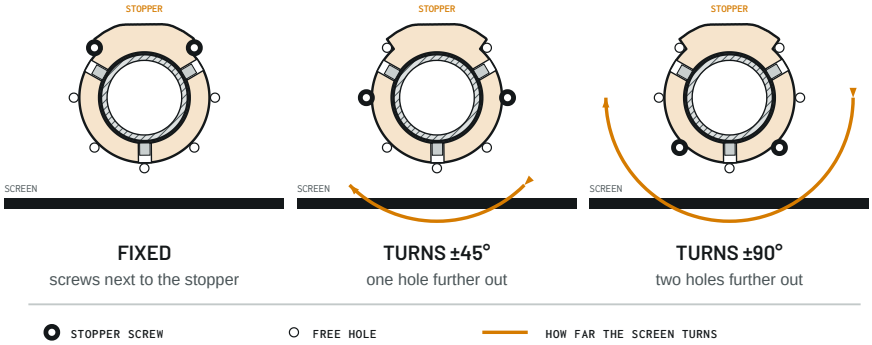
Ring 1 goes on the column **under the head** — the head rests on it. Ring 2, with the stopper, goes **inside the head just under the top plate,** stopper to the back. Tighten all six screws firmly. Never loosen ring screws with the screen on.

SET HOW FAR THE SCREEN TURNS

Two **M4 stopper screws** on top of the head stop against ring 2. To change how far the screen turns, unscrew them with an Allen key and refit them in other holes — **further from the stopper = more turning.** Then turn the screen gently both ways to check.

ON TOP OF THE HEAD



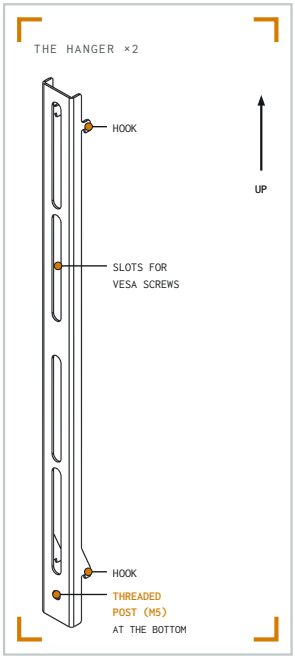


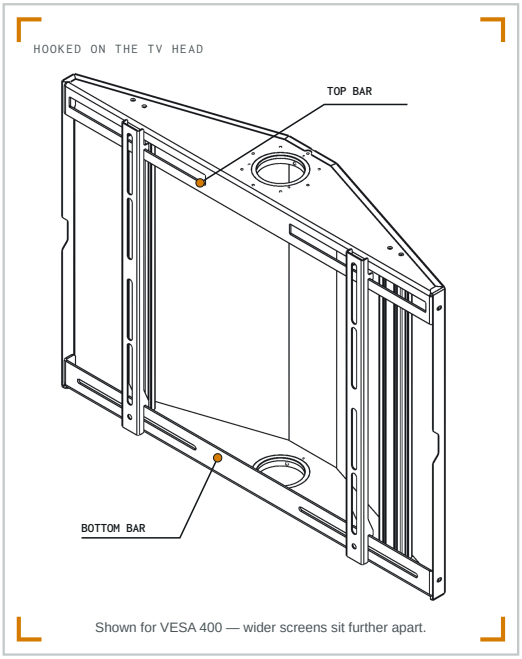
NEXT **Leave the back cover off** and hang your screen — **page 9.**

08 HANG AND LOCK THE SCREEN

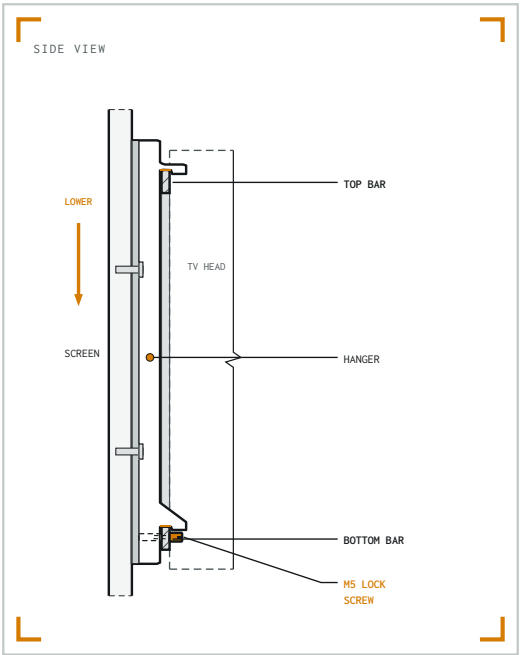
TWO PEOPLE

The screen hangs on the TV head with the **two hangers included in the box** — then **two M5 screws lock it** in place.

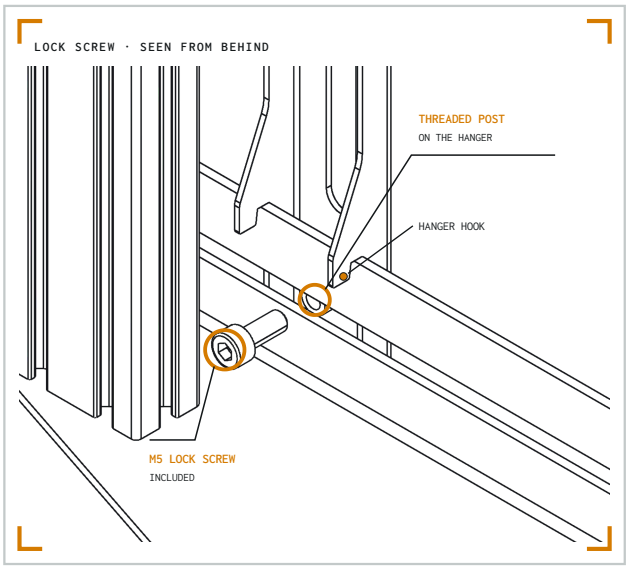




Shown for VESA 400 — wider screens sit further apart.



1. Screw the two hangers to the VESA holes on the back of your screen, **threaded post at the bottom.** Use screws that fit your screen — never force them.
2. Two people lift the screen and **hook both hangers over the top and bottom bars** of the TV head.
3. Lower it gently until **all four hooks sit fully down.** Check the screen is level.
4. **Lock it:** from behind the head (back cover off — page 8), put an **M5 screw (included)** through the bottom bar into the threaded post of **each hanger.** Tighten firmly with an Allen key.
5. Run the cables through the column and plug them in, with a little slack.
6. **Refit the back cover** with its 4 screws.



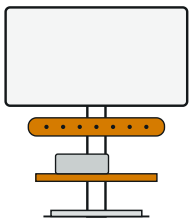
TURNING THE SCREEN

The head turns on plastic bearings, **as far as ring 2 allows** — to change it, see **page 8.** Turn it gently by the frame.



OPTIONAL ADD-ONS

Soundbar holders, console shelves and more are available from us. **Fit only our accessories.**



NEXT — Do the final checks — **page 12.**

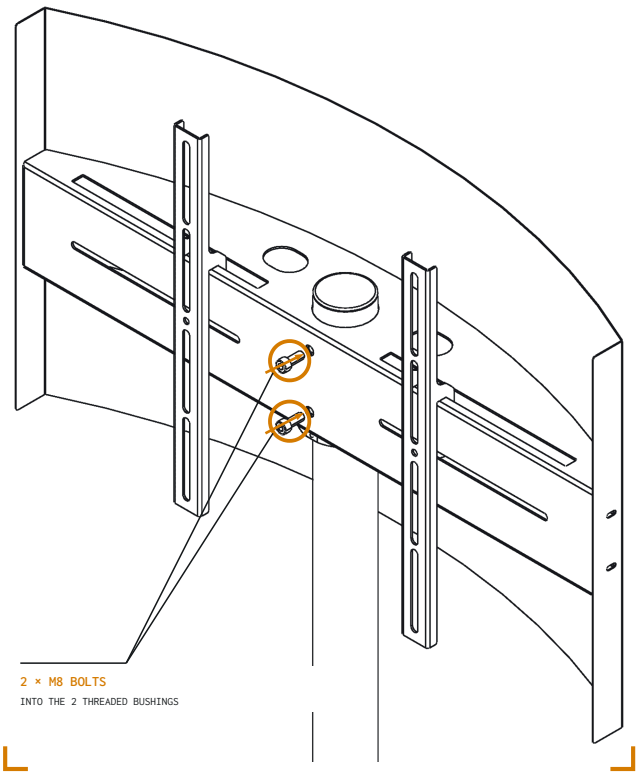
09 MOBILE STANDS — FIX THE HEAD FIRST

BEFORE THE SCREEN GOES ON

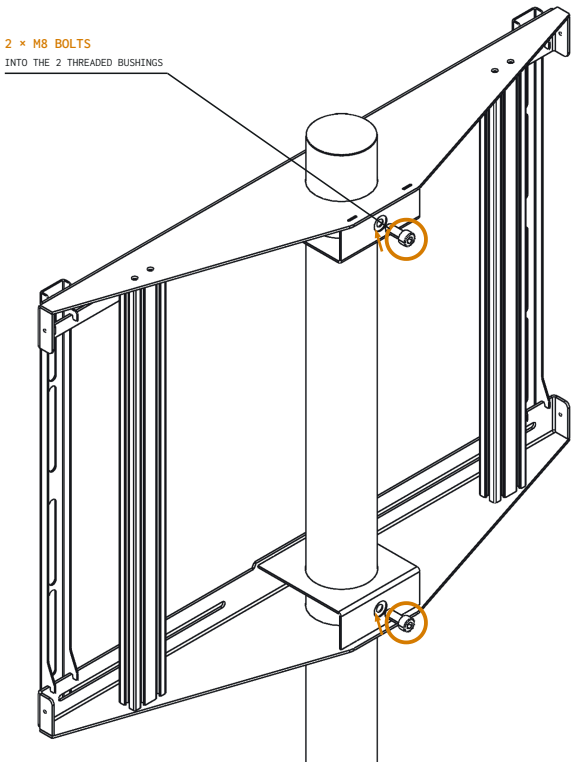
BOLT THE HEAD TO THE COLUMN BEFORE YOU HANG A SCREEN

On a mobile stand the head **does not turn** — it is fixed to the column for good with **2 M8 bolts,** so the weight stays centred and the stand cannot tip over. Depending on your model, the bolts go in at the **front** or at the **back** of the head.

BOLTS AT THE FRONT



BOLTS AT THE BACK



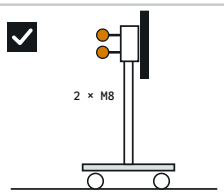
FIX THE HEAD

1. Find the **2 threaded bushings** on your head — at the front or at the back, depending on the model.
2. Make sure the head sits **fully down** on the column, facing the right way, with the holes lined up.
3. Screw in **both M8 bolts** and tighten them **very firmly** with an Allen key.
4. Check: try to turn, lift and rock the head — **it must not move at all.**

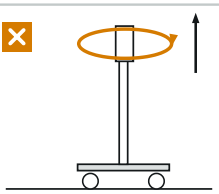
WHY IT MATTERS

A loose head can shift or turn, so the screen's weight moves off-centre and the stand can **tip over.**

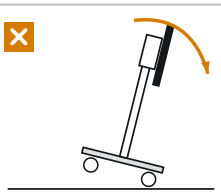
Check these bolts **every month** and **after every move.**



HEAD BOLTED VERY FIRMLY



HEAD MUST NOT TURN OR LIFT



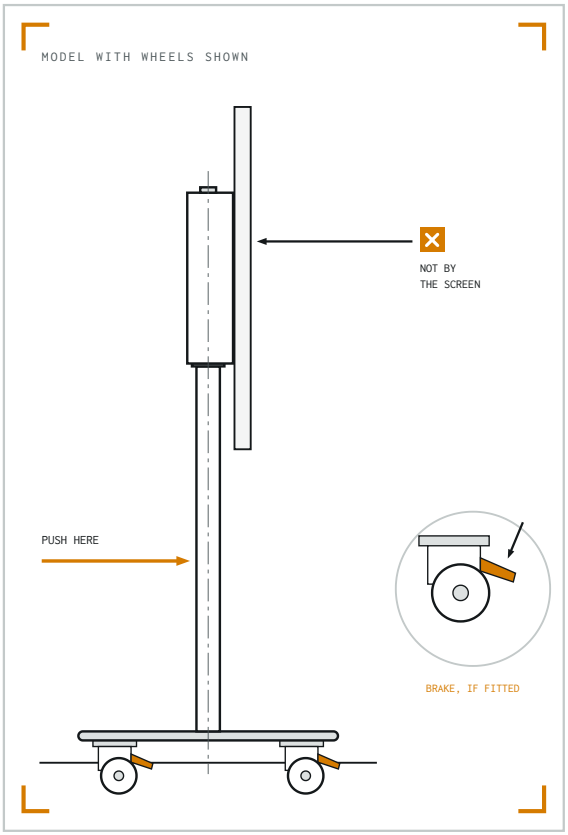
LOOSE HEAD: THE STAND CAN TIP

NEXT Set up your stand — **page 11.**

10 MOBILE STANDS — SET UP AND MOVE

FREE-STANDING · NO DRILLING

Mobile stands stand on their own heavy base — no floor fixing needed. Some have wheels, some do not. They stay steady only on a **firm, level floor.**

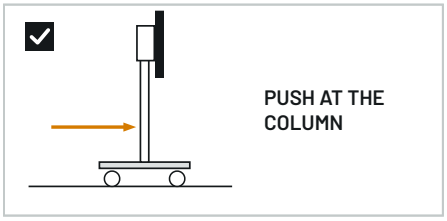


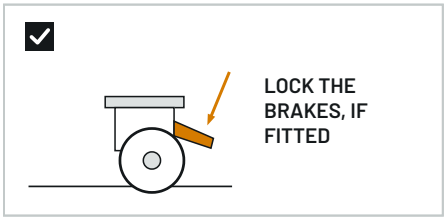
SET IT UP

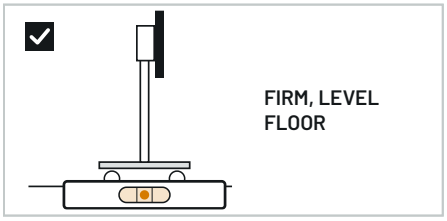
1. Unpack on a soft surface. If the column and base come separately, join them and **tighten every screw well.**
2. **Bolt the head to the column** with its 2 M8 bolts — page 10.
3. Stand it on a **firm, level floor** — no thick carpet or slopes, away from doors and stairs.
4. Wheels with brakes? **Lock the brakes.**
5. Hang and lock the screen — **page 9.**

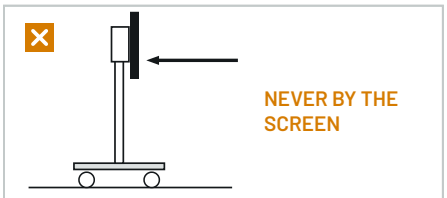
MOVING IT

- ☑ **Two people,** slowly.
- ☑ Push at the column, **below the screen.**
- ☑ Brakes (if fitted): release to move, **lock when you stop.**
- ☒ Never push or pull **on the screen.**
- ☒ No steps, ramps or door thresholds with the screen on — **take the screen off first.**
- ☒ Stand without wheels? **Take the screen off before moving it.**

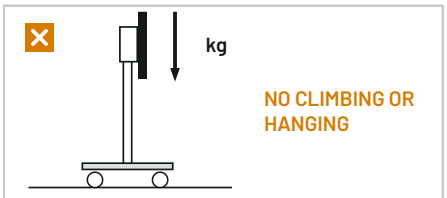












TURNING IT

The head is bolted, so it does not turn on the column. To face another way, **turn the whole stand.**



CHILDREN AND BUSY PLACES

A free-standing stand can be pulled over. Keep children from climbing on it or hanging from the screen.

Schools, shops, lobbies or homes with small children: **ask us about fixing the base to the floor.**

NEXT Hang and lock your screen — **page 9,** then do the final checks — **page 12.**

11 FINAL CHECKS & RECORD

TICK EVERY BOX BEFORE USE

- ☐ Fixed with **at least 4 fixings per plate** (every hole on a floor-to-ceiling top plate), into solid material.
- ☐ Fixings tight. The column is upright and does not move when pushed.
- ☐ Rosettes back in place.
- ☐ Columns: both support rings checked, both stopper screws in.
- ☐ Hangers on the screen (threaded post at the bottom), all four hooks fully down. Screen level.
- ☐ **Both hangers locked** with their M5 screws. Back cover refitted with its 4 screws.
- ☐ Cables loose enough to turn the screen.
- ☐ Mobile stand: **head bolted very firmly** with its 2 M8 bolts; firm, level floor; brakes locked (if fitted).

CHECK AGAIN

AFTER 1 WEEK	Check the fixings, the ring screws (and on mobile stands, the head bolts) are still tight.
EVERY 6 MONTHS	The same check. Mobile stands: every month, and after every move.
CLEANING	Soft, damp cloth and mild soap. No scouring pads or solvents.

STOP USING IT AND CALL US IF

the column moves, rocks or creaks · the head has dropped or works loose · the floor or ceiling around a plate cracks · any part is bent or damaged.

INSTALLATION RECORD

FILL IN · KEEP WITH A PHOTO OF THE FIXED PLATE

NAME / ADDRESS	PHONE
MODEL	ORDER NO.
FLOOR / CEILING TYPE	FIXINGS USED (type, size, how many)
INSTALLED BY	DATE
SIGNATURE	RINGS CHECKED · HANGERS LOCKED — YES / NO

RESPONSIBILITY

Dynamic Engineering by Pasha designs and builds its columns and stands for the screens they are ordered for, when installed and used as this guide shows. We are not responsible for damage or injury caused by a column that was not fixed properly, an unsuitable floor, ceiling or fixing, a screen it was not ordered for, changes to the product, or not following this guide.

KEEP THIS GUIDE WITH THE PRODUCT

Moving, selling or giving the column or stand away? Pass this guide on with it. Need a new copy? Call us.

Questions at any step? Call us — we are happy to help.

INSTALLATION SUPPORT

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www.bypasha-pro.com

SCOPE OF DOCUMENT

Customer installation of floor-mounted, ceiling-mounted, floor-to-ceiling and mobile TV columns made by Dynamic Engineering by Pasha.

EST. 2004

DOC DEP-INS-01

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DATE 11-2026