

# X-RANGE

## BENCH CONVERSION

GUIDANCE & SPECIFIERS GUIDE 2021



**Boyce.**

# Enhancing social distancing by separating X-Range bench desks

Runs of X-Range double-sided bench desks can be separated into pairs, and runs of single-sided bench desks can be separated into individual desks. In both cases the power tower supporting the junction between worksurfaces is replaced with two leg frames. The power towers become redundant.

For optimum lateral stability on double bench desks, a stabilising power tower should be fitted, plus a replacement cable tray with cut-out around the tower. However, this adds significantly to the cost of the conversion, and the difference in stability is minor. In current circumstances we feel that most clients will be perfectly happy with the conversion without the stabilising power tower: it can always be added later if deemed necessary.

ADDITIONAL LEG FRAMES FOR USE WITH FIXED TOPS

Depth	Code with Fixed tops	Standard Legs (X)	Square Legs (Q)	Rectangular Legs (R)	A-Frame (A)
Double bench (1600mm deep)	QBD8END/◇/~~				
Single bench (800mm deep)	QBS8END/◇/~~				

ADDITIONAL LEG FRAMES FOR USE WITH SLIDING TOPS

Depth	Code with Sliding tops	Standard Legs (X)	Square Legs (Q)	Rectangular Legs (R)	A-Frame (A)
Double bench (1600mm deep)	QBD8SEND/◇/~~				
Single bench (800mm deep)	QBS8SEND/◇/~~				

STABILISING POWER TOWER AND CABLE TRAY

(for double bench conversions: optional)

For top width	Code
1000mm	QBST10/~~
1200mm	QBST12/~~
1400mm	QBST14/~~
1600mm	QBST16/~~
1800mm	QBST18/~~
2000mm	QBST20/~~

REPLACE  
◇ with Leg/Frame style code  
~~ with Frame Finish code

i

INSTALLATION GUIDANCE

Worksurfaces must be supported while power towers are removed and replaced with leg frames. The simplest solution is to support each worksurface on the arms of an adjustable height chair.

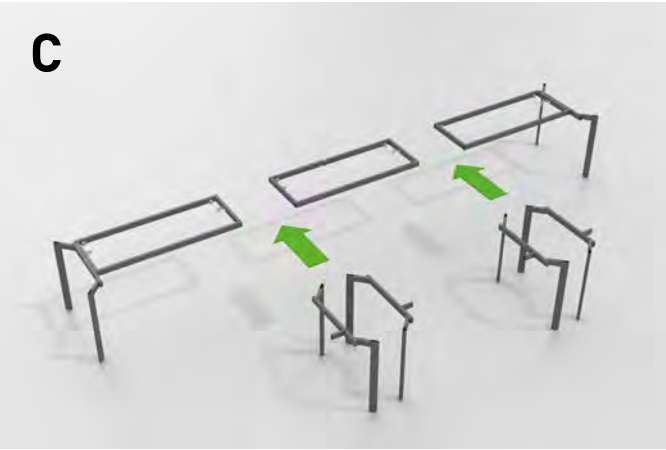
## 3 person single-sided bench conversion



3 person single-sided bench



Remove and store the 2 power towers.



Add 4 leg frames



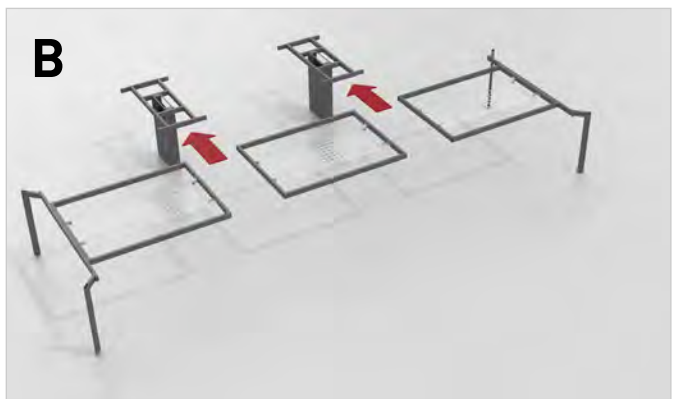
Result: 3 freestanding desks



6 person double-sided bench: conversion without stabilising power towers



6 person double-sided bench



Remove and store the 2 power towers, leaving the cable trays in place.



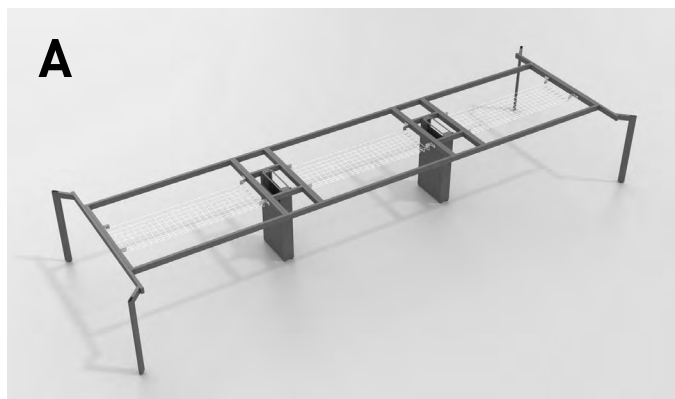
Add 4 end frames



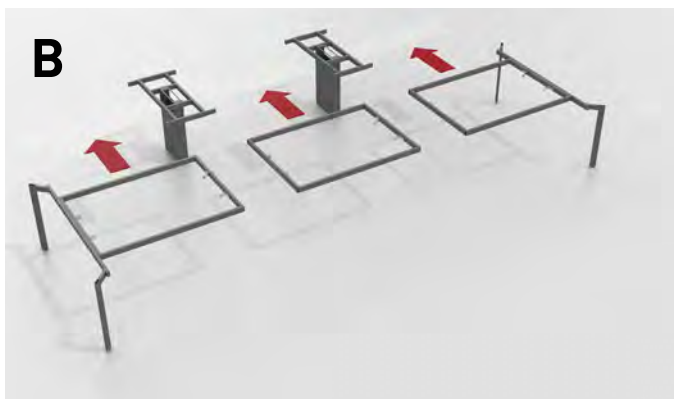
Result: 3 freestanding pairs of desks

**i** For optimum lateral stability on double bench desks, a stabilising power tower should be fitted, plus a replacement cable tray with cut-out around the tower. However, this adds significantly to the cost of the conversion, and the difference in stability is minor. In current circumstances we feel that most clients will be perfectly happy with the conversion without the stabilising power tower: it can always be added later if deemed necessary.

6 person double-sided bench: conversion with stabilising power towers



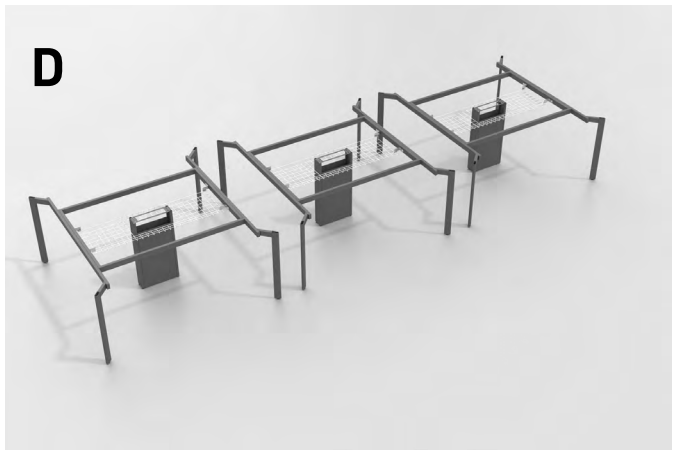
6 person double-sided bench



Remove and store the 2 power towers and 3 cable trays.\*1



Add 3 stabilising power towers and 3 cable trays with cut-outs (of the appropriate size for the tops), and 4 end frames.



Result: 3 freestanding pairs of desks with stabilising power towers.

**i** \*1 The power towers cannot be reused as they incorporate a welded topframe and can only be fitted at the junction of pairs of worksurfaces. The cable trays cannot be reused as a cut-out is required to fit around the stabilising power tower.

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