



About us

With over 20 years experience in the engineered timber industry, QBS Ltd maintain a renowned reputation for cost effective solutions, backed up with innovative products and quality assured production. Recent investment to our production facility has tripled output potential and allows us to cater for roof truss spans up to 25m.

Our SpaceJoists

We have recently branched into the design and manufacture of SpaceJoists, an alternative to conventional timber joists or concrete floor slabs, to offer our customers the latest in construction innovation. Combining the lightweight quality of timber with the strength of steel, SpaceJoists offer an efficient, sturdy and structurally sound alternative to current floor and roofing systems. SpaceJoists can be used in floors, roofs and even integrated into attic trusses to achieve larger spans, easy routing of services and massive savings on labour, time and costs.



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ITW Industry are the provider of the SpaceJoist system and flyer design to Quinn Building Supplies.

www.itw-industry.com



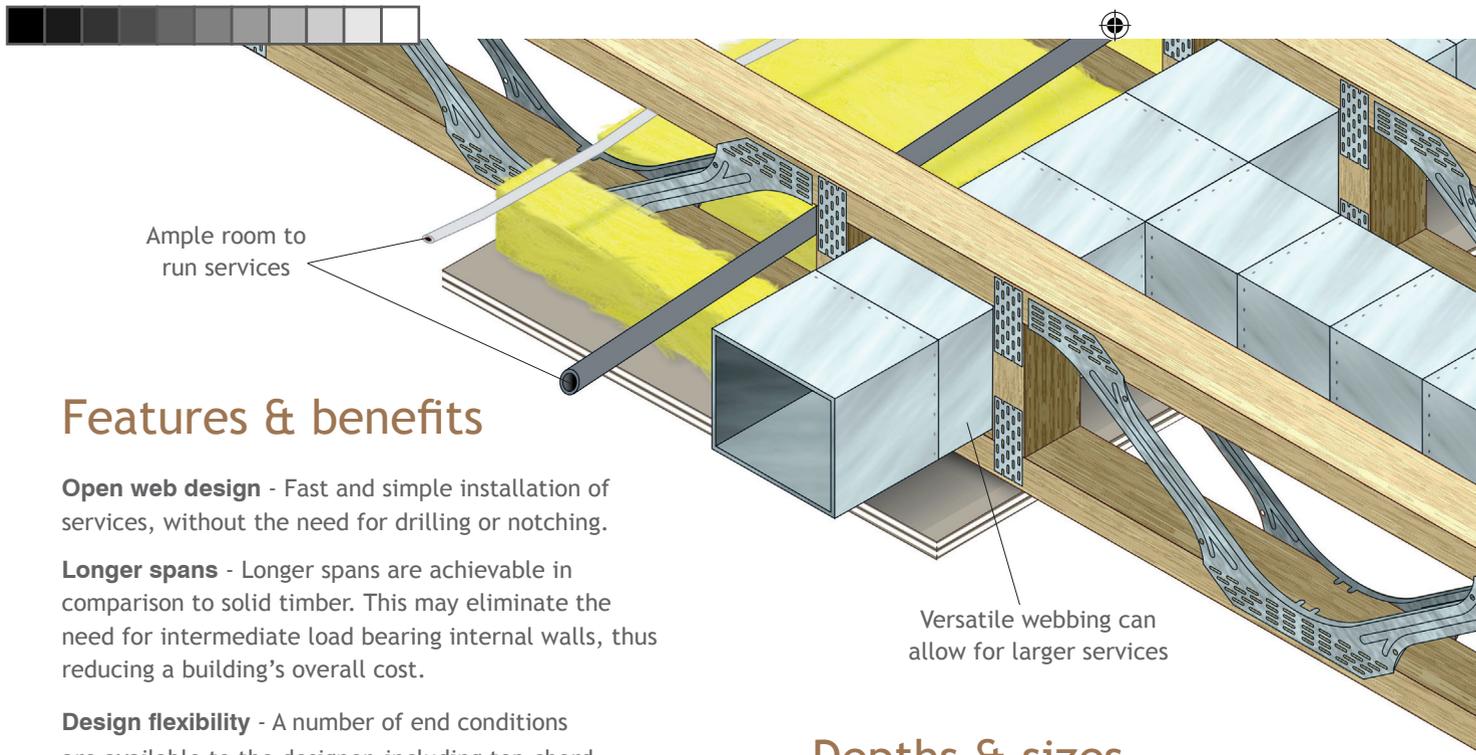
Quinn Building Supplies Ltd.



Sj SpaceJoist™
METAL OPEN WEB FLOOR SOLUTION

028 8673 7655

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Features & benefits

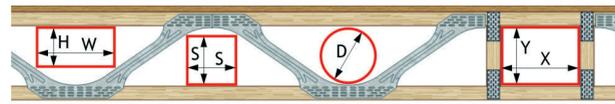
- Open web design** - Fast and simple installation of services, without the need for drilling or notching.
- Longer spans** - Longer spans are achievable in comparison to solid timber. This may eliminate the need for intermediate load bearing internal walls, thus reducing a building's overall cost.
- Design flexibility** - A number of end conditions are available to the designer, including top chord supported. Spacejoists can be designed for precisely locating bearing walls and accommodating large services.
- Reduced site wastage** - Bespoke design eliminates the need for site alterations. SpaceJoist also saves timber resources by reducing the amount of waste timber generated during construction.
- Wider spacing** - Fewer joists are required to complete a floor installation, reducing labour time.
- Light weight** - The light weight construction allows the joists to be manoeuvred easily and safely on site, often without the need for specialist lifting equipment.
- Wide nailing surface** - Floor and ceiling application is simpler and quicker.
- Save money** - Trades work faster on site, reducing labour costs. The necessity for intermediate load bearing walls is also reduced.
- Engineered** - SpaceJoist is manufactured off-site ensuring consistent quality and reliability. Alpine's design software can create SpaceJoist designs to a variety of specifications.

Versatile webbing can allow for larger services

Depths & sizes

SpaceJoist offers a comprehensive range of depths from 195mm as a direct competitor to solid timber joists, up to 424mm which is ideal for large spanning commercial applications.

Maximum duct opening sizes (mm)



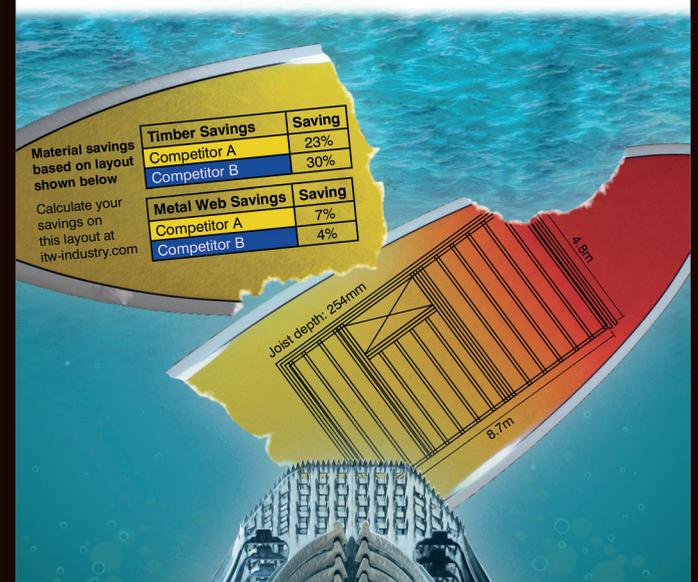
Services can be passed through the open web feature. The table below gives the maximum opening sizes for each depth:

Depth	D*	H*	W*	S*	X	Y
195	120	73	208	107	605	125
219	120	73	208	107	605	125
254	154	97	208	133	605	159
304	192	121	215	155	605	210
424	265	178	264	212	705	330

*These dimensions include a 3mm clearance. Dimensions are approximate as discrepancies may occur in manufacture.

SPACEJOIST

Now with more **BITE!**



New SpaceJoist

We supply the new improved "SpaceJoist SJ10" 254mm deep joist which achieves longer spans with less timber and fewer webs than its predecessors and contemporaries. It is also unrivalled in strength characteristics with outstanding acoustic performance.

The new SpaceJoist webs are superior to its competitors in almost every way. Additional perimeter teeth provide **MORE BITE**, improving joist stiffness and reducing deflection. Burst through holes in the struts create a strong C-Section, improving compression strength. Contact tabs effectively transfer load to the timber chords, further increasing web capacity.

All amounting to cost savings in timber, metal webs.