What is claimed is:

1. A web-handling machine frame, comprising:

at least two reconfigurable interconnected blocks, and each reconfigurable interconnected block comprising at least three sides and two faces, and at least one bore within at least one of the faces,

at least two sides of each reconfigurable interconnected block having a precision alignment point,

the precision alignment point comprising an aperture connecting the alignment point to the bore; and

at least one shaft, the shaft being disposed within and releasably attached to one of the precision alignment points of each of the two reconfigurable interconnected blocks.

2. A web-handling machine frame according to claim 1 wherein the positioning of at least some of the precision alignment points is such that the axes of shafts disposed within those precision alignment points are at the vertexes of a regularly spaced grid, with the vertexes spaced a predetermined distance, or a multiple of that predetermined distance, apart.

3. The web-handling machine frame according to claim 2 wherein the predetermined value is accurate to within ± 50 microns.

4. A web-handling machine frame according to claim 1 further comprising a second shaft being disposed within and releasably attached to one of the precision alignment points of each of two reconfigurable interconnected blocks such that the two shafts are parallel to within 0.004 radian.

5. A web-handling machine frame according to claim 1 wherein the bore is a through bore extending from one face to the other face.

6. A web-handling machine frame according to claim 1 wherein the shafts have a cross section selected from the group consisting of round, triangular, or square.

7. A web-handling machine frame according to claim 1 wherein the precision alignment points include a groove having a half-round or truncated half-round shape.

8. A web-handling machine frame according to claim 7 wherein the shape of the faces is rectilinear, save for the grooves.

9. A web-handling machine frame according to claim 8 wherein the shape of the face is a square, wherein each side of has a precision alignment point, and further wherein each precision alignment point is centered with respect to the side.

10. A web-handling machine frame according to claim 1 wherein at least one of the shafts has at least one threaded hole and wherein the shaft is held into the precision alignment point by a bolt with its shaft disposed within the aperture with its head disposed within the bore.

11. A web-handling machine frame according to claim 7 wherein the shape of each of the grooves is a truncated half-round, and wherein the shaft has a round cross section with a radius equal to the radius of the groove, so that the edges of the at least two reconfigurable interconnected blocks are separated by a gap.

12. A web-handling machine frame according to claim 7 wherein the shape of each of the grooves is half-round, and wherein the shaft makes a slip fit with the grooves so that the edges of the at least two reconfigurable interconnected blocks are in contact.

13. A web-handling machine frame according to claim 1 comprising at least four interconnected blocks, and at least two shafts, wherein each of the at least two shafts also supports a rotatable web contacting device.

14. A web-handling machine frame according to claim 13 wherein the at least two shafts are parallel to within 0.0001 radian.

15. A web-handling machine frame according to claim 1 comprising between about 2 to 500 interconnected blocks.

16. A web-handling machine frame, comprising:

at least two reconfigurable interconnected blocks wherein each reconfigurable interconnected block has at least two precision alignment points; and

at least two shaft-mounted web-contacting devices each having an axis of rotation; and