COOPER BALA Specification Sheet

MATERIALS BREAKDOWN

FRAME CONSTRUCTION

FRAME

All end and connecting wood frames are assembled from Maple. The wood frame is mechanically fastened to a welded substructure. The substructure uses a combination of 10 and 11 gauge brakeformed sheet metal parts to create the foundation to which suspension, support components and frame subassemblies are attached to form the completed chair frame.

SEAT AND BACK CONSTRUCTION

SEAT

The upholstered seat pan is made with 100% recycled plastic with upholstery covers form fitted and stapled over 3 inch thick hi-resiliency polyurethane molded foam.

BACK

The upholstered back is based on a 3/4 in. thick, 7 ply laminated contoured plywood core platform with VELCRO®-removable upholstery covers form fitted over 4 inch thick hi-resiliency polyurethane molded foam.

FOAM

Molded foam is formulated displacing 25% of the existing non-renewable petroleum material with a sustainable plant based substitute. The foam performs as regular based cut foam and provides a 3.0 to 3.2 PCF density with no changes to the physical properties, comfort, and longevity of the foam.

FLAME RETARDANTS

Foam provided is compounded to meet specifications of the Federal Motor Vehicle Standard MVSS302 and California Bulletin No. 117 (TB117-2013).

ARM CONSTRUCTION

An optional molded self-skinned urethane arm cap is available in a flat (PF) or rounded (PR) shape. The arm cap is molded over a 1/8 in. thick steel flat plate which is attached to the seat frame using metal-to-metal connections.

FEET CONSTRUCTION

GLIDES

Frame feet are finished with durable injection molded plastic glides.

OPTIONS

Available as connected seating. Please refer to the price list for more information.

COOPER BALA Specification Sheet

STATEMENT OF LINE - SPECIFICATIONS

6201M

6202M

6203M

6212M

6213M

	6201M	6202M	6203M	6212M	6213M
Seat Height (in)	18	18	18	18	18
Total Height (in)	33.75	33.75	33.75	33.75	33.75
Seat Width (in)	21	21	21	21	21
Total Width (in)	25.25	46.5	67.50	48	70.50
Depth (in)	25	25	25	25	25
Arm Height (in)	25	25	25	25	25
Weight Rating (lbs)	500	750	1000	750	1000
Product Weight (lbs)	43	70	98	72	102
Qty (pcs)/Volume (cu ft)	1/15	1/26	1/39	1/26	1/39

6222M

6223M

6201L

6201G

6201H

	6222M	6223M	6201L	6201G	6201H
Seat Height (in)	18	18	18	18	18
Total Height (in)	33.75	33.75	33.75	33.75	47.5
Seat Width (in)	21	21	42	30	21
Total Width (in)	48	70.5	44.75	34.25	25.25
Depth (in)	25	25	25	25	25
Arm Height (in)	25	25	25	25	25
Weight Rating (lbs)	750	1000	750	750	500
Product Weight (lbs)	77	105	69	47	43
Qty (pcs)/Volume (cu ft)	1/26	1/39	1/20	1/20	1/19

6201ME

6201B

6202BG

4201ME

6201BG

6222BG

	6201ME	6201B	6202BG	4201ME	6201BG	6222BG
Seat Height (in)	24	18	18	18	18	18
Total Height (in)	46					
Seat Width (in)	21	21	21	21	30	18
Total Width (in)	25.25	24.25	45.25	66.25	34.25	66
Depth (in)	25	26.25	26.25	26.25	26.25	26.25
Arm Height (in)	32	24	24	24	24	24
Weight Rating (lbs)	500	500	750	1000	750	1000
Product Weight (lbs)	48	28	44	59	38	53
Qty (pcs)/Volume (cu ft)	1/19	1/9	1/14	1/21	1/15	1/20

COOPER BALA TABLES Specification Sheet

MATERIALS BREAKDOWN

BASE CONSTRUCTION

All end and connecting wood frames are assembled from Maple. The wood frame is mechanically fastened to a welded substructure. The substructure uses a combination of 10 and 11 gauge brakeformed sheet metal parts to create the foundation to which suspension, support components and frame subassemblies are attached to form the completed chair frame.

TOP CONSTRUCTION

TABLE TOP CORE - 1"

Nu-Green 2, ULEF (Ultra Low Emission Formaldehyde) raw particleboard core. The core is made using 100% pre-consumer recycled or recovered wood fiber, and is manufactured inside a FSC Certified manufacturing facility. The top density is 39 pounds per cu. ft.

HIGH PRESSURE LAMINATE

1/16" high-pressure laminate sheet with a plastic laminate backing, bonded with a water-based glue. Total top thickness of approximately 1-1/8".

VENEER

1/32" hand laid up flat cut veneer bonded with a water-based glue. Total top thickness of approximately 1-1/16". Veneers are selected with careful attention to grain matching and symmetry.

EDGE CONSTRUCTION

PVC

Edges are made from PolyCor G92B poly-vinyl choride (PVC) pellet material melted and extruded through one of several die-head profiles. The matching or accented PVC edge is both glued and fitted to the table core using a continuous tongue and groove system around the circumference of the table.

2MM

2MM edges are made from a patented proprietary plastic material made from sugar cane. This bio resin product is produced with 83%+ or greater of a proprietary bio-based resin blend making it the leading green solution. The edge is adhered to the core material and trimmed using our “state-of-theart” edge banding process to give you a virtually pick proof edge. 2MM Bio edge has the impact durability of PVC with a profile similar to self edge. Available in 38 solid colors. 2MM PVC EDGE is a polyvinyl chloride extruded plastic edge with a profile similar to self edge. Available in wood grain to match 9 standard stains.

HARDWOOD

Spec hardwood edges are individually segmented, glued, using water based glues, and then clamped to the edges of the tables to assure 100% surface coverage of the glue both on the tabletop and the hardwood edge. After clamping to ensure a tight and permanent bond, the edges are then machined and hand-planed to match the exact thickness of the tabletop. All corners are mitered then pencil radiused before being sealed, stained and lacquered.

SPACER AND CORNER TABLES CONNECTING METHOD

The table top is supported front and back by two metal stretchers with keyholes. Bolts on the chair legs are connected to the keyholes fastening the table to the chair.