



OUTPERFORMS WOOD

- Significantly lighter (lower transportation costs)
- Engineered for directional load distribution
- Higher compressive and flexural strength
- Able to spread the load over a larger area
- Will not rot or degrade in performance
- No permanent deformation
- Easier to handle
- Significantly longer lifespan

OUTPERFORMS STEEL

- Significantly lighter (lower transportation costs)
- Engineered for directional load distribution
- Able to spread the load over a larger area
- Will not yield or degrade in performance
- Easier to handle
- No permanent deformation

DESIGN FEATURES

- Internal redundant I-Beam construction
- Continuous glass fibers provide maximum strength and stiffness
- Chemical and water resistant
- Non-slip wear surface
- Protective steel frame
- Steel lifting points
- Weight listed on frame
- Foot placement target



Make Your Setup Safe.

Mega Duty

For Jobs That Need a Large Footprint

DICA's fiber reinforced polymer crane mats are specifically designed for high capacity cranes that require large load distributing footprints on a variety of soil conditions, including low soil bearing pressures. This performance is achieved using the same technology developed for lightweight vehicle bridges.

FiberMax crane mats distribute concentrated loads over large areas to safely reduce ground-bearing pressure more effectively than either wood or steel. This is critical when operating high capacity cranes on ground with lower soil pressures.



Performance Advantages

- Significantly lighter than steel or wood
- Engineered for high-capacity cranes
- Engineered for a variety of soil bearing conditions, including poor soil
- High compressive and flexural strength
- Extremely long lasting
- Retains performance over lifetime

TOLL FREE
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Mega Duty Part Information					GROUND LOAD RATING Soil Bearing Capacity (SBC) [Lbs. (kg)]		
MODEL	DIMENSIONS [ft/in (m/cm)]	AREA [ft ² (m ²)]	WEIGHT [Lbs. (kg)]	CRUSH RATING [Psi (kN/m ²)]	SBC 2,500 Psf 119.7 kN/m ²	SBC 5,000 Psf 239.4 kN/m ²	SBC 10,000 Psf 478.8 kN/m ²
FM5x5x4	5' x 5' x 4"	25	375	400	62,500	125,000	250,000
	(1.52 x 1.52 x 10)	(2.32)	(170)	(2,758)	(2,993)	(5,985)	(11,970)
FM6x6x6	6' x 6' x 6"	36	600	400	90,000	180,000	360,000
	(1.82 x 1.82 x 15)	(3.34)	(272)	(2,758)	(4,309)	(8,618)	(17,237)
FM8x5x6	8' x 5' x 6"	40	765	400	100,000	200,000	400,000
	(2.43 x 1.52 x 15)	(3.72)	(347)	(2,758)	(4,788)	(9,576)	(19,152)
FM9x6x8	9' x 6' x 8"	54	1,400	550	135,000	270,000	540,000
	(2.74 x 2.43 x 20)	(5.02)	(635)	(3,792)	(6,464)	(12,928)	(25,855)
FM8x8x8	8' x 8' x 8"	64	1,696	550	160,000	320,000	640,000
	(2.43 x 2.43 x 20)	(5.95)	(769)	(3,792)	(7,661)	(15,322)	(30,643)
FM10x7x10	10.5' x 7.5' x 10"	79	2,200	550	197,500	395,000	790,000
	(3.2 x 2.28 x 25)	(7.34)	(998)	(3,792)	(9,456)	(18,913)	(37,825)
FM12x9x10	12' x 9' x 10"	108	3,024	550	270,000	540,000	1,080,000
	(3.65 x 2.74 x 25)	(10.03)	(1,372)	(3,792)	(12,928)	(25,855)	(51,710)

Crush Rating is the allowable amount of pressure that the mat/pad is rated to carry based on its own strength.

Ground Load Rating (GLR) is the amount of weight that can be applied to the mat/pad based on the ability of the ground to support it. The GLR assumes that the mat/pad is able to effectively spread the load emitted from the outrigger contact area over the entire area of the mat/pad. Your outrigger pad, crane pad, or crane mat manufacturer must be able to provide this data to you.

Weight is +/- 10%.



OUTPERFORMS WOOD

- Significantly lighter
- Easier to handle
- Engineered properties are stiffer and stronger
- Higher compressive and flexural strength
- Able to spread the load over a larger area
- Will not rot or degrade in performance
- No permanent deformation
- Significantly longer lifespan

OUTPERFORMS STEEL

- Significantly lighter
- Easier to handle
- Will not yield or degrade in performance
- No permanent deformation
- Significantly longer lifespan

DESIGN FEATURES

- Laminate construction
- Continuous glass fibers provide maximum strength and stiffness
- Chemical and water resistant
- Non-slip wear surface
- Ergonomic TuffGrip® handles
- Available in octagon or square shapes with rounded corners



Make Your Setup Safe.

Heavy Duty

Lighter and Stronger

DICA's fiber reinforced polymer outrigger pads provide stable surfaces for heavy equipment loads. The industry's strongest fiberglass composite outrigger pads are lighter than wood or steel and provide better overall performance.

With a crush strength in excess of 400,000 psi and an average flexural yield strength of 60,000 psi, FiberMax heavy duty outrigger pads provide support for all types of equipment, even in poor soil conditions.

Performance Advantages

- Significantly lighter than steel or wood
- Engineered for heavier equipment and small to medium duty cranes
- Supports equipment in a variety of soil bearing conditions, including poor soil
- High compressive and flexural strength
- Extremely long lasting
- Retains performance over lifetime



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Heavy Duty Part Information								GROUND LOAD RATING Soil Bearing Capacity (SBC) [Lbs. (kg)]		
MODEL	DIMENSIONS [in. (cm)]	THICKNESS [in. (cm)]	AREA [in ² (cm ²)]	WEIGHT (N) [Lbs. (kg)]	WEIGHT (S) [Lbs. (kg)]	MINIMUM FLOAT DIMENSION [in. (cm)]	CRUSH RATING [Psi (kN/m ²)]	SBC 2,500 Psf 119.7 kN/m ²	SBC 5,000 Psf 239.4 kN/m ²	SBC 10,000 Psf 478.8 kN/m ²
FM1818	18" x 18" (46 x 46)	0.75 (2)	324 (823)	13 (6)	16 (7)	10 (25)	500 (3,447)	5,625 (269)	11,250 (539)	22,500 (1,077)
FM2424	24" x 24" (61 x 61)	0.75 (2)	576 (1,463)	22 (10)	28 (13)	10 (25)	500 (3,447)	10,000 (479)	20,000 (958)	40,000 (1,915)
FM3232	32" x 32" (81 x 81)	0.75 (2)	1,024 (2,601)	40 (18)	48 (22)	16 (41)	500 (3,447)	17,778 (851)	35,556 (1,702)	71,111 (3,405)
FM3636	36" x 36" (91 x 91)	0.75 (2)	1,296 (3,292)	50 (23)	67 (30)	18 (46)	500 (3,447)	22,500 (1,077)	45,000 (2,155)	90,000 (4,309)
FM4242	42" x 42" (107 x 107)	0.75 (2)	1,764 (4,481)	68 (31)	86 (39)	20 (51)	500 (3,447)	30,625 (1,466)	61,250 (2,933)	122,500 (5,865)
FM4848	48" x 48" (122 x 122)	0.75 (2)	2,304 (5,852)	88 (40)	112 (51)	24 (61)	500 (3,447)	40,000 (1,915)	80,000 (3,830)	160,000 (7,661)

Crush Rating is the allowable amount of pressure that the mat/pad is rated to carry based on its own strength.

Ground Load Rating (GLR) is the amount of weight that can be applied to the mat/pad based on the ability of the ground to support it. The GLR assumes that the mat/pad is able to effectively spread the load emitted from the outrigger contact area over the entire area of the mat/pad. Your outrigger pad, crane pad, or crane mat manufacturer must be able to provide this data to you.

Weight is +/- 10%.



FiberMax
CRANE PADS

OUTPERFORMS WOOD

- Engineered properties are stiffer and stronger
- Higher compressive and flexural strength
- Able to spread the load over a larger area
- Will not rot or degrade in performance
- No permanent deformation
- Significantly longer lifespan

OUTPERFORMS STEEL

- Significantly lighter
- Easier to handle
- Will not yield or degrade in performance
- No permanent deformation
- Significantly longer lifespan

DESIGN FEATURES

- Laminate construction
- Continuous glass fibers provide maximum strength and stiffness
- Chemical and water resistant
- Non-slip wear surface
- Ergonomic TuffGrip® Handles
- Available in octagon or square shapes with rounded corners



Make Your Setup **Safe.**

Super Duty

For Extra Support

DICA's fiber reinforced polymer crane pads are specifically designed to provide the support mobile cranes need on softer soil or poorly compacted ground. The industry's strongest fiberglass composite crane pads are lighter than wood or steel and provide better overall performance.

With a crush strength in excess of 400,000 psi and an average flexural yield strength of 60,000 psi, FiberMax super duty crane pads provide support for all types of construction equipment in a variety of soil conditions, including low soil bearing pressures.

Performance Advantages

- Significantly lighter than wood or steel
- Engineered for heavier equipment and small to medium duty cranes
- Supports equipment in a variety of soil bearing conditions, including poor soil
- High compressive and flexural strength
- Extremely long lasting
- Retains performance over lifetime



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Super Duty Part Information								GROUND LOAD RATING Soil Bearing Capacity (SBC) [Lbs. (kg)]		
MODEL	DIMENSIONS [in. (cm)]	THICKNESS [in. (cm)]	AREA [in ² (cm ²)]	WEIGHT (N) [Lbs. (kg)]	WEIGHT (S) [Lbs. (kg)]	MINIMUM FLOAT DIMENSION [in. (cm)]	CRUSH RATING [Psi (kN/m ²)]	SBC 2,500 Psf 119.7 kN/m ²	SBC 5,000 Psf 239.4 kN/m ²	SBC 10,000 Psf 478.8 kN/m ²
FM3636-1.5	36" x 36" (91 x 91)	1.5 (3.81)	1,296 (8,361)	100 (45)	125 (57)	16 (41)	500 (3,447)	22,500 (1,077)	45,000 (2,155)	90,000 (4,309)
FM4242-1.5	42" x 42" (107 x 107)	1.5 (3.81)	1,764 (11,381)	135 (61)	172 (78)	20 (51)	500 (3,447)	30,625 (1,466)	61,250 (2,933)	122,500 (5,865)
FM4848-1.5	48" x 48" (122 x 122)	1.5 (3.81)	2,304 (14,864)	175 (79)	225 (102)	20 (51)	500 (3,447)	40,000 (1,915)	80,000 (3,830)	160,000 (7,661)

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