

Crane Manufacturers Association of America (CMAA)

Crane Classifications

CMAA Class A - Standby or Infrequent Service

This service class covers cranes which may be used in installations such as power houses, public utilities, turbine rooms, motor rooms, and transformer stations where precise handling of equipment at slow speeds with long idle periods between lifts are required. Capacity loads may be handled for initial installation of equipment and for infrequent maintenance.

CMAA Class B - Light Service

This service covers cranes which may be used in repair shops, light assembly operations, service buildings, light warehousing, etc. where service requirements are light and speeds are slow. Loads vary from none to occasional full capacity. Lifts per hour would range from 2 to 5, and average 10 feet per lift.

CMAA Class C - Moderate Service

This service covers cranes that may be used in machine shops or papermill machine rooms where service requirements are moderate. In this type of service the crane will handle loads that average 50% of the rated capacity with 5 to 10 lifts per hour, averaging 15 feet, not over 50% of the lifts at rated capacity.

CMAA Class D - Heavy Service

This service covers cranes which may be used in heavy machine shops, foundries, fabricating plants, steel warehouses, container yards, lumbermills, etc., and standard duty bucket and magnet operations where heavy duty production is required. In this type of service, loads approaching 50 percent of the rated capacity will be handled constantly during the working period. High speeds are desirable for this type of service with 10 to 20 lifts per hour averaging 15 feet, not over 65 percent of the lifts at rated capacity.

CMAA Class E - Severe Service

This type of service requires a crane capable of handling loads approaching rated capacity throughout its life. Applications may include magnet, bucket, magnet/bucket combination cranes for scrap yards, cement mills, lumber mills, fertilizer plants, container handling, etc., with 20 or more lifts per hour at or near the rated capacity.

CMAA Class F - Continuous Severe Service

This type of service requires a crane capable of handling loads approaching rated capacity continuously under severe service conditions throughout its life. Applications may include custom designed specialty cranes essential to performing the critical work tasks affecting the total production facility. These cranes must provide the highest reliability, with special attention to ease of maintenance features.

BRIDGE CRANE LINE-UP

(SINGLE GIRDER CRANES)



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Powerful INNOVATION | Proven EXPERIENCE

LEADING MANUFACTURER OF CRANES, HOISTS
AND OTHER MATERIAL HANDLING EQUIPMENT



ACECO Bridge Crane utilizing Yale YK or SK Hoist

Standard Features:

- Available 1-10 Ton Capacity
- Low Cost
- Quicker Delivery
- Standard Product
- Low Duty Cycle
- CMAA Class C Application
- 2-Speed Hoist Operation
- 2-Speed Trolley Operation
- Bridge VFD Operation



ACECO Bridge Crane utilizing ACCO Work-Rated Hoist

Standard Features:

- Available 1-10 Ton Capacity
- Moderate Cost
- Standard Product
- Mechanical Load Brake
- CMAA Class D Application
- 2-Speed Hoist Operation
- Bridge VFD Operation
- Trolley VFD Operation



ACECO Bridge Crane utilizing Yale Cable King Hoist

Standard Features:

- Available 1-10 Ton Capacity
- Higher Cost
- Standard Product
- Mechanical Load Brake
- CMAA Class D Application
- 2-Speed Hoist Operation
- Bridge VFD Operation
- Trolley VFD Operation



ACECO Bridge Crane utilizing ACECO NorHoist

Standard Features:

- Available 1-10 Ton Capacity
- Higher Cost
- Custom Product
- No Mechanical Load Brake
- CMAA Class D Application
- 2-Speed Hoist Operation
- Bridge VFD Operation
- Trolley VFD Operation

COST

DUTY CYCLE