

# Semi Electric Floor Cranes



**AAK** Handling Equipments Pvt. Ltd.

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Vol.5

# AAK HANDLING EQUIPMENT'S

## Mobile Semi Electric Floor Crane

We produces a full line of heavy duty Manual Floor Cranes, Semi Electric Floor Cranes, Shop Cranes and Engine Hoists to fit almost any need and lifting application. Designed for a full range of loads, Aak features over 12 models as well as custom designed manual hydraulic floor cranes. Most Aak mobile cranes are also available in stainless steel designs.



Aak floor cranes are perfect for lifting heavy objects in job shop settings, but there are always different and unique lifting requirements. We manufacture many types of shop crane and hydraulic engine hoist to address most needs and applications. Aak provides heavy duty lifts, towable, pivot, adjustable and standard straddles, counter-balance mobile floor cranes, economy engine lifts, and more specialty floor cranes to meet your exact needs.

### Full-function control handle with neutral

A few strokes of the large steering handle provides a full 2000 to 3000 mm of lift. A convenient control lever has three positions: Raise, Neutral and Lower. The neutral position eliminates backpressure from the pump, allowing the handle to move freely. Lowering speed is controlled at all load capacities. The handle is spring loaded and returns to a vertical position when released. The handle thickness and angled shape is designed for the most fatigue free operating position.



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## Durable frame and articulating wheels

A robust, cross-braced frame provides unrivalled strength and durability. Steel forgings are used on the lift linkage. For easier handling and control, the ASEFC has large 180 mm steer wheels. Steer and load wheels use high quality compounds that lower rolling resistance, provide long life, and are smooth and quiet in operation. To ensure continuous contact with the floor, the wheels articulate to ensure you never have the weight of the load on just one wheel. Hubcaps protect the bearing and steer axle from side impact damage and contamination.



## Long-term value

Aak utilizes high-grade steel combined with extra weld length and additional stiffening where necessary, especially in the area of apron pivot bosses. Thorough preparation of the assemblies before receiving a powder paint process ensures the highest levels of paint adhesion and long term protection.



## Hydraulic unit proven reliability

One of the most critical parts of a floor crane is the hydraulic pump. It must withstand thousands of lift/lower cycles, and yet be easy and inexpensive to repair. The Aak ASEFC 1.2 is life tested to a minimum of 1,00,000 pump cycles. The enclosed lift pump means that there are no exposed parts such as valves or levers, which can be broken or damaged.



Description	UNIT	ASEFC 1.5T	ASEFC 2.0T	ASEFC 2.5T	ASEFC 3.5T
Maximum Capacity	Kg	1500	2000	2500	3500
Boom load capacity according to boom position	P1	1500	2000	2500	3500
	P2	1100	1500	2000	2500
	P3	700	1000	1300	1600
	P4	350	500	650	800
Standard Boom Length	mm		1600		
Extended Boom Length	mm		1000		
Min. Hook Height	mm		350		
Max. Hook Height	mm		3200		
Load roller	mm		Φ180 x 50		
Steering Wheel	mm		Φ180 x 50		
Color			Golden Yellow		
Lift speed,laden/unladen	mm/s		90/140		
Lowering speed,laden/unladen	mm/s		120/100		
Lift motor rating	kw		1.5		
Battery voltage,capacity	v/Ah		12/100		
Battery weight	kg		18 - 20		
Weight(including battery)	kg	~270	~355	~390	~450

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ASEFC 1.5 T / ASEFC 2.0 T

