



Aerial Platforms – Reaching up to 114 m

**NO FIRE
OUT OF
REACH**



A full range of vehicles to fight any fire

As an experienced system supplier of aerial platforms, Vema Lift has a modern range of high-quality products – ready to reliably serve around the world.

Manufactured from premium materials and components, we are proud of our aerial platforms having the best reach and weight balance, as well as the most optimal rescue and extinguishing capacity in the industry.

We cooperate with several partners and export our products extensively abroad. Our success is based on thorough understanding the specific needs of rescue operations, along with a deeply customer-oriented approach, strong product expertise, and commitment in project completion.

Fighting fire is our burning passion. We always want to do our job as well as possible, using the latest applications, and delivering the highest quality to make our customers satisfied: by ensuring safe and reliable use of our products in real service.

We deliver a complete range of aerial platforms, each tailor-made to meet specific operational requirements.

F-Series



Versatile aerial platforms — with or without ladders

The VEMA F-Series represents the latest generation of firefighting and rescue aerial platforms, engineered for advanced performance, durable construction, and ergonomic design. Models are available with or without integrated ladders, providing flexibility for a wide range of operational needs.

With working heights from **32 to 70 metres** and a maximum horizontal outreach of up to **35 metres**, the F-Series delivers outstanding reach and stability for both firefighting and rescue missions. It also offers a below-ground reach of up to **8 metres** and a maximum cage load of **500 kilograms**, ensuring safe and efficient operation in every situation.

Despite its impressive reach and capabilities, the F-Series remains remarkably compact, with vehicle lengths ranging from just **9.4 metres up to 12 metres**, allowing excellent manoeuvrability even in narrow streets or confined urban environments. Each unit can be tailor-made to meet specific customer requirements, making the F-Series a highly adaptable and efficient solution for modern emergency services.

F-SERIES	32F	38F	42F	45F	52F	56F	60F	64F	70F
outreach vertical (m)	32	38	42	45	52	56	60	64	70
outreach horizontal (m)	27	31	31	30	29	29	35	35	35
up and over (m)	12	12	12	12	14	14	14	14	14
max cage load (kg)	500	500	500	500	500	500	500	500	500
length (m)	9,4	10	10	10	11,8	11,8	11,9	11,9	12
width (m)	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
height (m)	3,5	3,6	3,6	3,7	3,8	3,8	3,9	3,9	4
water & foam monitor (l/min)	3800	3800	3800	3800	3800	3800	3800	3800	3800
weight (t)	18	26	26	26	27	27	31	31	32

FER-Series



Power, precision, and unmatched reach

The **VEMA FER-Series** represents the pinnacle of fire-fighting and rescue platform engineering. Designed to maximize operational performance while minimizing structural weight, each FER model delivers exceptional strength, stability, and control in every situation.

With working heights up to **114 metres**, a maximum horizontal outreach of **39 metres**, below-ground capability of up to **22 metres**, and up-and-over reach of up to **28 metres**, the FER-Series pushes the limits of modern aerial technology. Despite its record-breaking reach, even the largest model—the **114FER**—measures only

13 metres in transport length, a remarkable achievement in its class. A maximum cage load of **600 kg** further distinguishes the VEMA FER-Series.

Built for the world's most demanding fire and rescue operations, the FER-Series combines advanced hydraulics, lightweight construction, and intelligent control systems to deliver precise performance and reliability. Each unit can be tailor-made to meet specific customer requirements, making the FER-Series a truly elite and versatile solution for professional emergency services worldwide.

FER-Series	32FER	42FER	47FER	52FER	56FER	64FER	72FER	81FER	90FER	104FER	107FER	114FER
outreach vertical (m)	32	42	47	52	56	64	72	81	90	104	107	114
outreach horizontal (m)	27	33	31	31	31	36	35	39	39	38	37	37
up and over (m)	12	12	12	14	14	14	14	28	28	27	27	27
max cage load (kg)	600	600	600	600	600	600	600	600	600	600	600	600
length (m)	9,4	10	10	11,8	11,8	11,9	12	12	12	13	13	13
width (m)	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
height (m)	3,5	3,5	3,6	3,8	3,8	3,9	4	4	4	4	4	4
water & foam monitor (l/min)	3800	3800	3800	3800	3800	3800	3800	3500	3500	3200	2500	2500
weight (t)	18	27	27	27	27	32	32	42	46	56	61	62

WT-Series



High-performance water & foam towers for every challenge

The **VEMA WT-Series** has been developed for high-performance water and foam tower operations, combining strength, reliability, and precise control. These towers are engineered to deliver exceptional flow capacity and monitor performance, ensuring maximum efficiency in demanding firefighting conditions.

Constructed with highly corrosion-resistant materials and designed for long-term durability, the WT-Series maintains top performance even in the harshest environments. Its robust structure and advanced control systems provide stable and accurate operation for both water and foam applications, with an optional pump output of up to **13,000 litres per minute**.

While the WT-Series is particularly well suited for industrial and petrochemical operations, its versatility also makes

it a dependable choice for municipal and airport fire brigades. Each unit can be tailor-made to meet specific customer requirements, ensuring the WT-Series delivers the right solution for every firefighting scenario.

WT-Series	32WT	40WT	48WT	62WT
outreach vertical (m)	32	40	48	62
outreach horizontal (m)	26	26,5	29	32
length (m)	11	11	11,8	12
width (m)	2,5	2,5	2,5	2,5
height (m)	3,6	3,7	3,8	4
water flow (l/min)	6000	6000	6000	6000
weight (t)*	18	24	25	28

* without water/foam tank

COMBI-Series



Three functions, one smart solution

The **VEMA Combi-Series** is a multi-purpose rescue vehicle range that brings together the capabilities of three firefighting vehicles in one: a first response unit, an aerial ladder platform, and an aerial rescue pump. This compact and efficient design allows emergency crews to handle a wide range of incidents using a single, versatile vehicle.

With working heights from **21 to 30 metres**, the Combi-Series offers excellent operational flexibility for everyday firefighting and rescue needs. Its compact dimensions and agile handling make it especially well-suited for smaller cities, suburban areas, and environments where space is limited, yet performance cannot be compromised.

Built to the same high standards as all VEMA products, the Combi-Series combines reliability, ease of use, and cost-efficiency in one practical solution. Each unit can be tailor-made to meet specific customer requirements, ensuring the perfect balance of capability, design, and operational functionality for every service.

COMBI-Series	21FC	24FC	29FC	30FC
outreach vertical (m)	21	24	29	30
outreach horizontal (m)	14,5	18	22	22,5
max cage load (kg)	500	500	500	500
length (m)	10	11	10,5	10
width (m)	2,5	2,5	2,5	2,5
height (m)	3,8	3,8	3,8	3,8
weight (t)	18	18	18	18
water tank (l)	2000	2000	2000	2000
water flow (l/min)	3200	3200	3200	3200

* Performance parameters may vary depending on customer requirements.



Vema Lift Oy, Finland

We design and manufacture advanced aerial platforms for professional fire and rescue services worldwide.

