

⊕ B.S.CRANE

PRODUCTS MANUAL

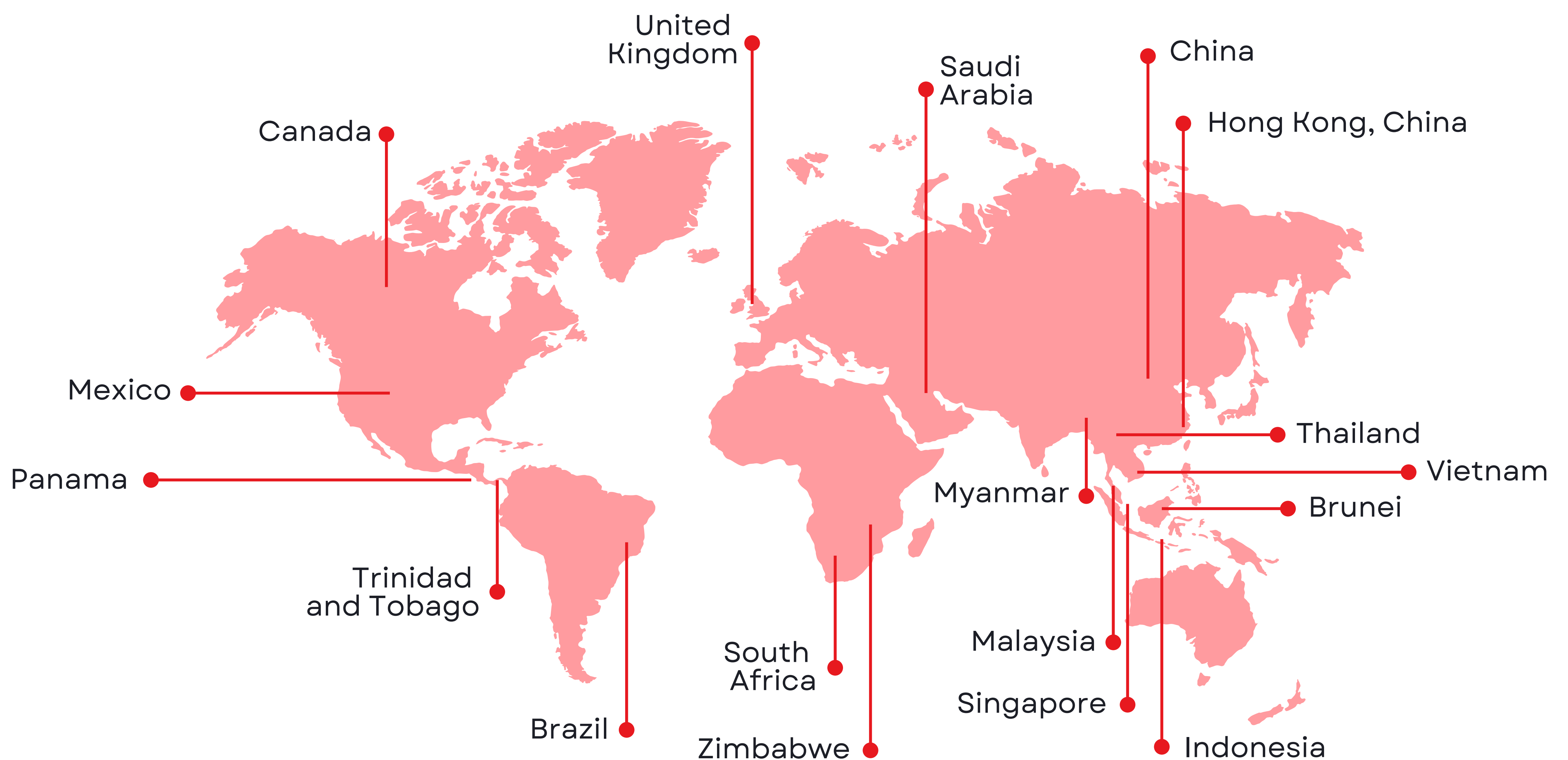
T crane / Knuckle boom crane / High performance crane



www.bscraneasia.com



COMPANY PROFILE



Established in 1984 and headquartered in Hong Kong, BS Crane has grown to become a trusted global manufacturer of high-performance cranes. With over four decades of experience, our cranes are widely used across industries such as construction, infrastructure, logistics, marine, railway maintenance, and military operations. Our products are exported to regions including Europe, the UK, Canada, Singapore, Hong Kong, Malaysia, Indonesia, and beyond.

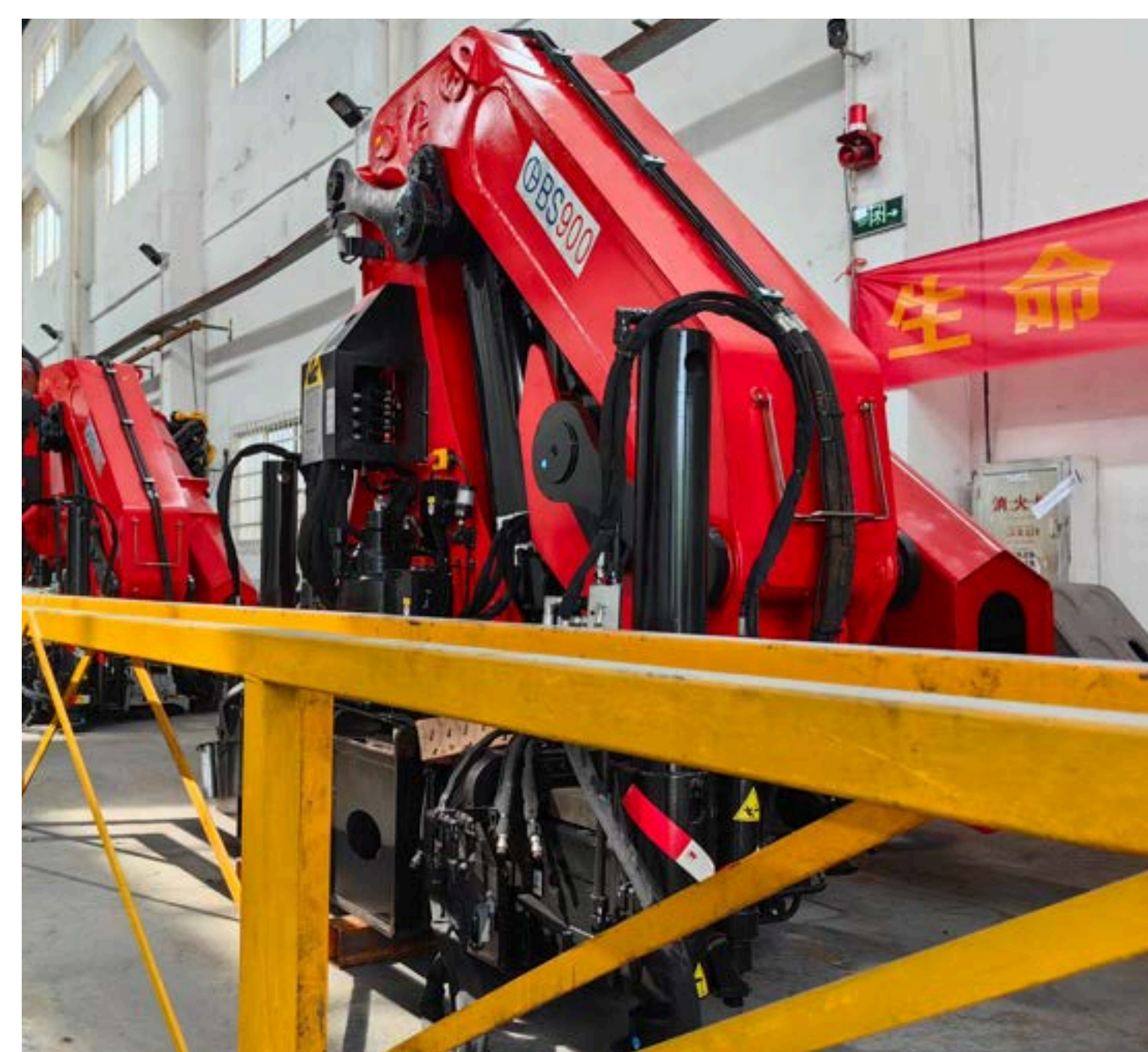
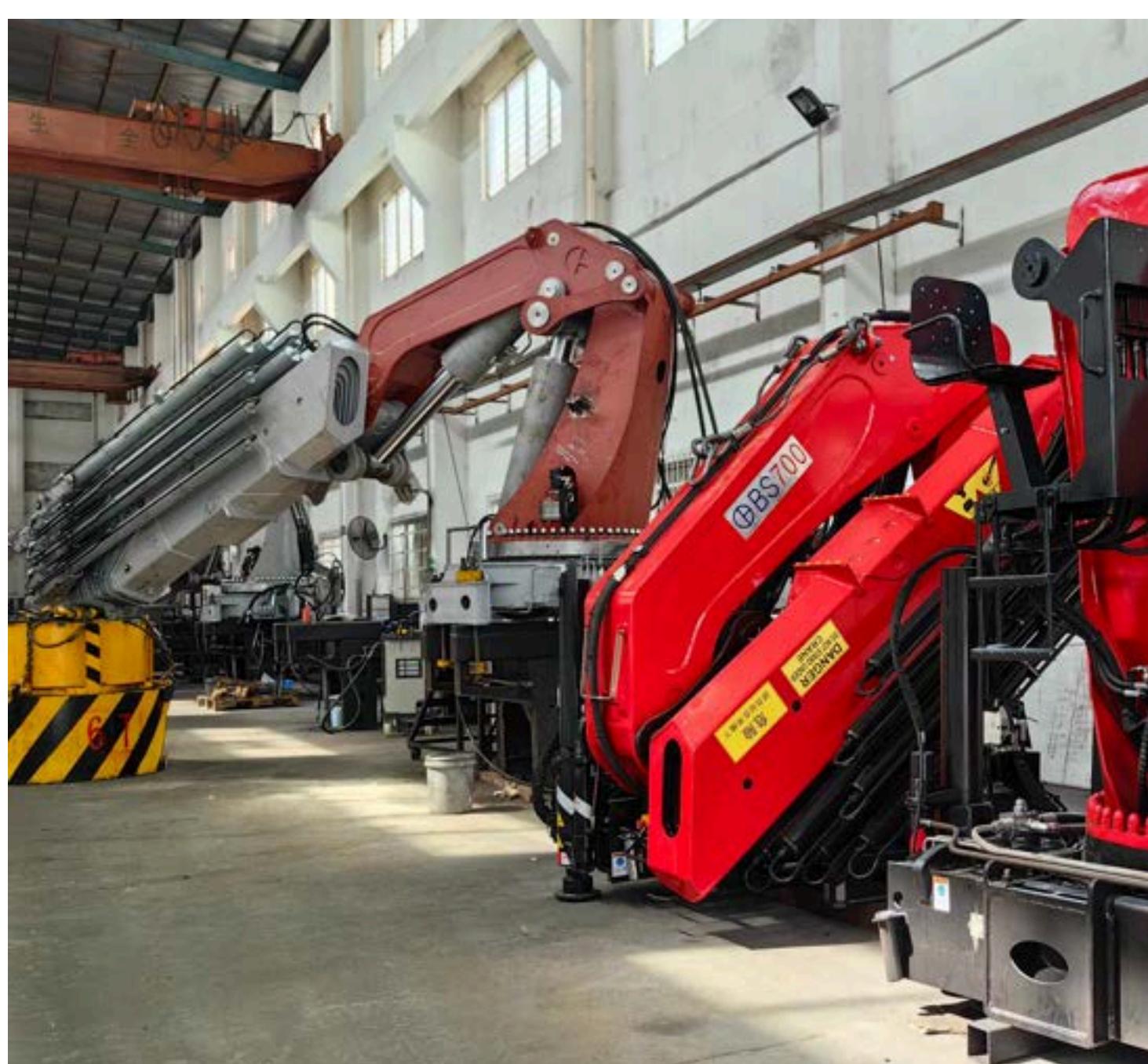
We specialize in delivering reliable lifting solutions tailored to both civilian and specialized applications. From truck-mounted cranes, marine cranes and platform cranes to advanced equipment designed for railway maintenance and military missions, BS Cranes are engineered to perform under pressure and deliver consistent performance even in the most demanding environments.

Our product range is built with precision engineering, incorporating advanced hydraulic systems, modular designs, and user-friendly controls. Each model is rigorously tested to meet international safety and quality standards, ensuring durability, efficiency, and operator safety. We offer a comprehensive lineup that includes truck-mounted cranes, marine cranes, platform cranes, railway maintenance cranes, and military-specialized lifting equipment.

At BS Crane, we prioritize innovation and continuous improvement. By investing heavily in research and development, we stay at the forefront of crane technology, introducing smart control systems, energy-efficient components, and enhanced structural integrity into our designs. This commitment to progress allows us to break industry barriers and provide cutting-edge solutions for large-scale and specialized hoisting needs.

Our production and manufacturing facility is located in Guangzhou, China, where we ensure strict quality control throughout the manufacturing process. All our cranes undergo extensive testing and certification procedures, and come with comprehensive technical documentation and support to guarantee safe and efficient operation. With a strong global presence, BS Crane supports customers through an established network of distributors and service centers, ensuring timely assistance and after-sales support no matter where you are located. As a customer-centric company, we work closely with clients to understand their unique requirements and offer customized configurations, on-site training, and dedicated technical support. Our goal is to build long-term partnerships based on trust, reliability, and mutual growth. Looking ahead, we continue to expand our global footprint while maintaining our leadership in the crane industry. Through strategic partnerships and technological advancements, we remain focused on delivering innovative, high-quality lifting solutions that set new benchmarks in performance, safety, and intelligent operation.

PRODUCTION FACILITY



◆ Strategic Headquarters

Our state-of-the-art headquarters serves as the nerve center for innovation, design, and global operations. Equipped with advanced R&D labs and engineering centers, this facility drives the development of cutting-edge crane technologies, ensuring every solution meets the highest industry standards for safety, efficiency, and performance.

◆ World-Class Manufacturing Excellence

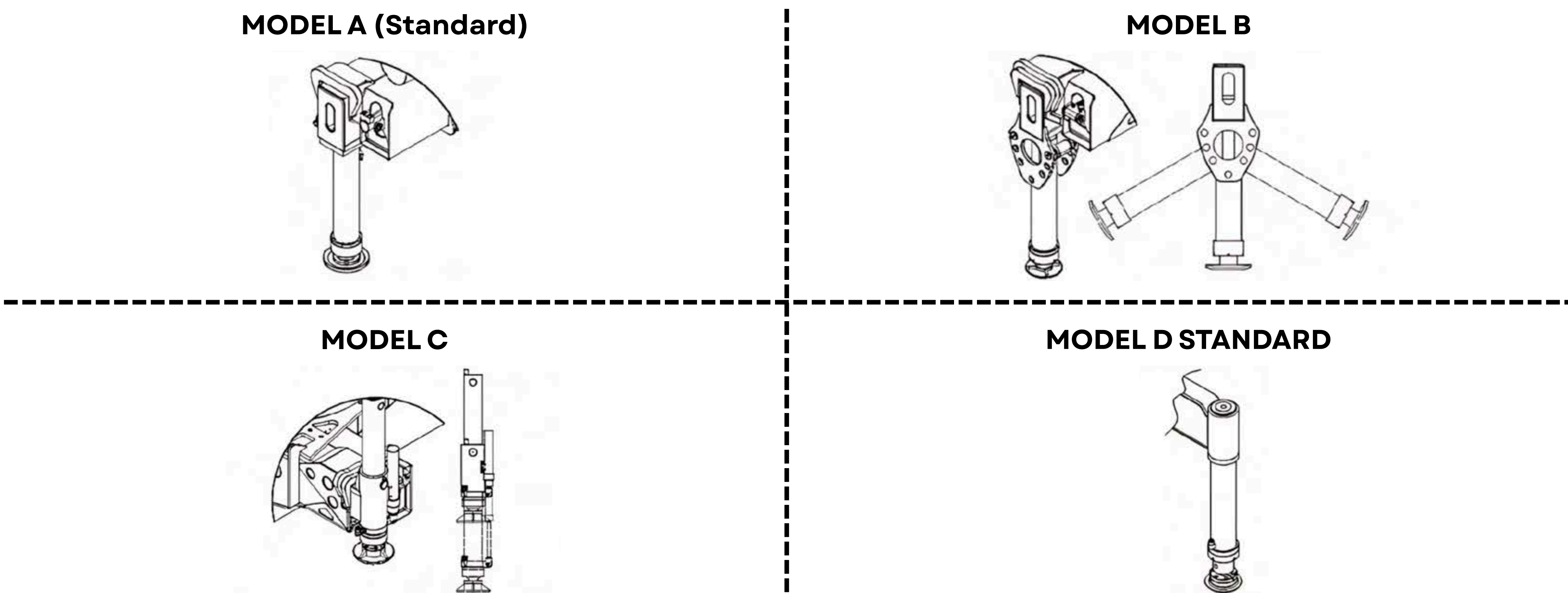
Located in Guangzhou, our expansive manufacturing plant integrates automated production lines, rigorous quality control systems, and a highly skilled workforce. From raw material processing to final assembly, every stage adheres to strict safety and performance benchmarks, guaranteeing durability and reliability in every BS Crane product.



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◆ **Outrigger**



***Model A–D Vertical outrigger are available.**

◆ **Control System**

Standard

Directional Valve
Max. working pressure : **300 bar**
Displacement flow : **70~120 L/min**
Control method : **Manual control**

Upgrade



Danfoss Control Valve (Type: Proportional Valve)
Displacement flow : **Max 100L/min**
Control method : **Manual / Remote control**

Remote Controller

◆ **Definition of the Icons**



Fly JIP (optional)



Specially used to lift object in container



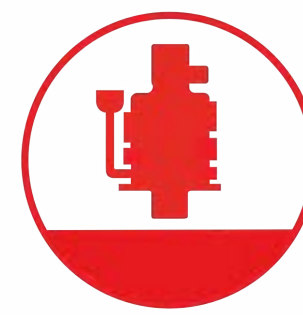
Specially used with bucket (optional)



Single power link



Dual power link



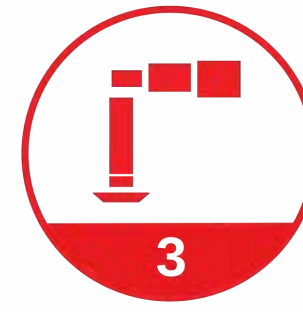
Number of gear reduction



Single outrigger



Dual outrigger



Triple outrigger

◆ ***Superior Performance***

Built for demanding lifting tasks, the V Crane Series combines robust construction with advanced hydraulics to deliver reliable, consistent power. Its stiff-boom design ensures stable, precise operation even in challenging conditions.

◆ ***Safety and Reliability***

Safety is at the core of every unit, with overload protection systems and high-strength materials engineered to withstand heavy-duty use. Each crane is rigorously tested to meet strict safety standards, ensuring dependable performance you can trust.

◆ ***Exceptional Work Efficiency***

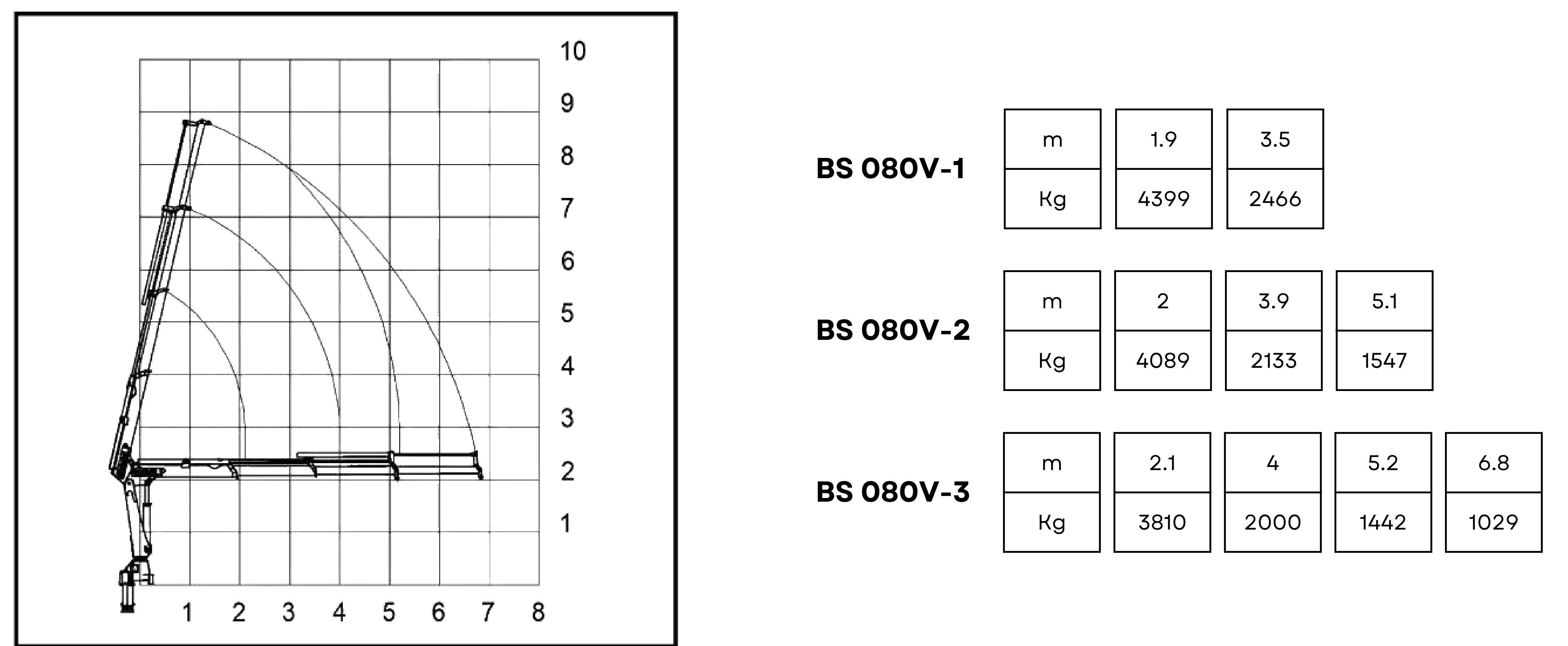
Featuring a light, compact structure with a folding design optimized for transportation, the V Crane Series is easy to deploy and reposition. Fast setup and intuitive controls reduce downtime, boosting productivity on every job.

◆ ***Broader Application Versatility***

Designed to fit a wide range of mounting options—including cat trailers, tracked vehicles, pickups, small trucks, and stationary setups—the V Crane Series adapts effortlessly to diverse applications. Its space-saving design and versatile configurations make it the ideal choice for meeting complex site requirements.

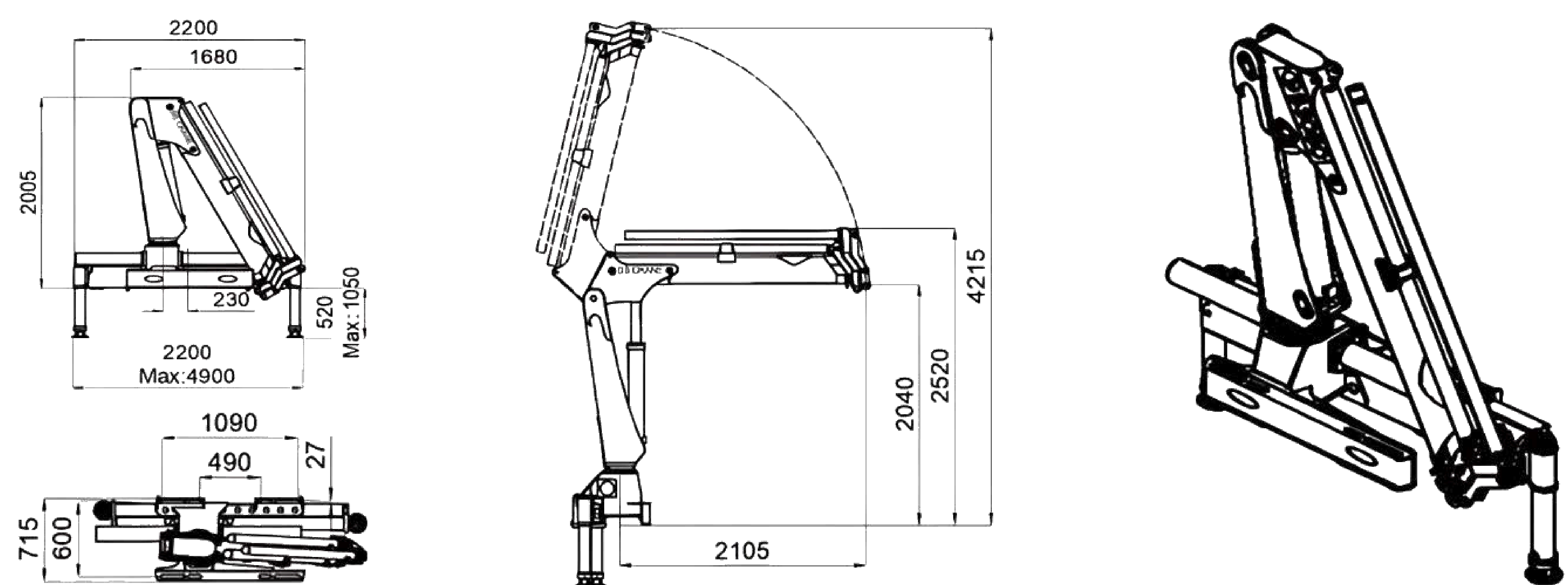


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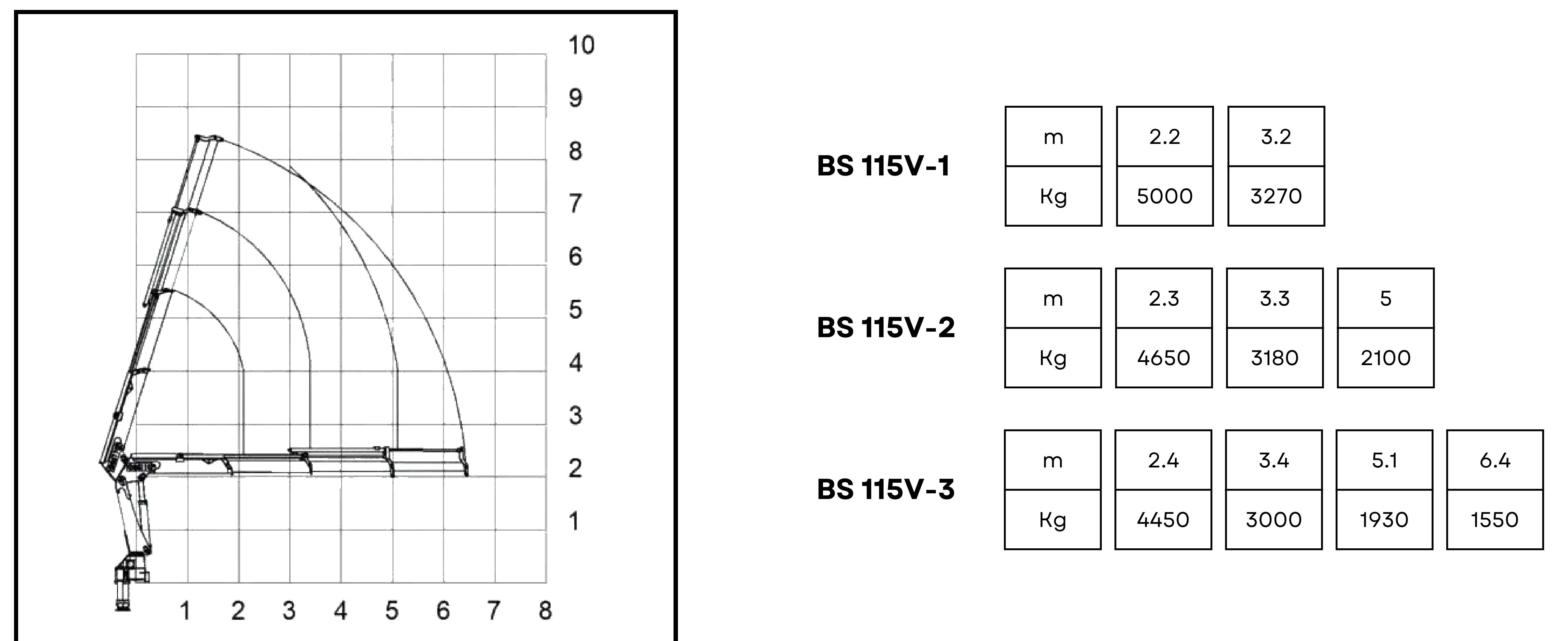


Item	Unit	BS 080V - 1	BS 080V - 2	BS 080V - 3
Lifting Capacity	tm	8.3	8.2	8
Outreach	m	3.5	5.1	6.8
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	4900	4900	4900
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	60	60	60
Crane Weight with Stabilizer	kg	1000 ± 5%	1100 ± 5%	1200 ± 5%

◆ Dimensions

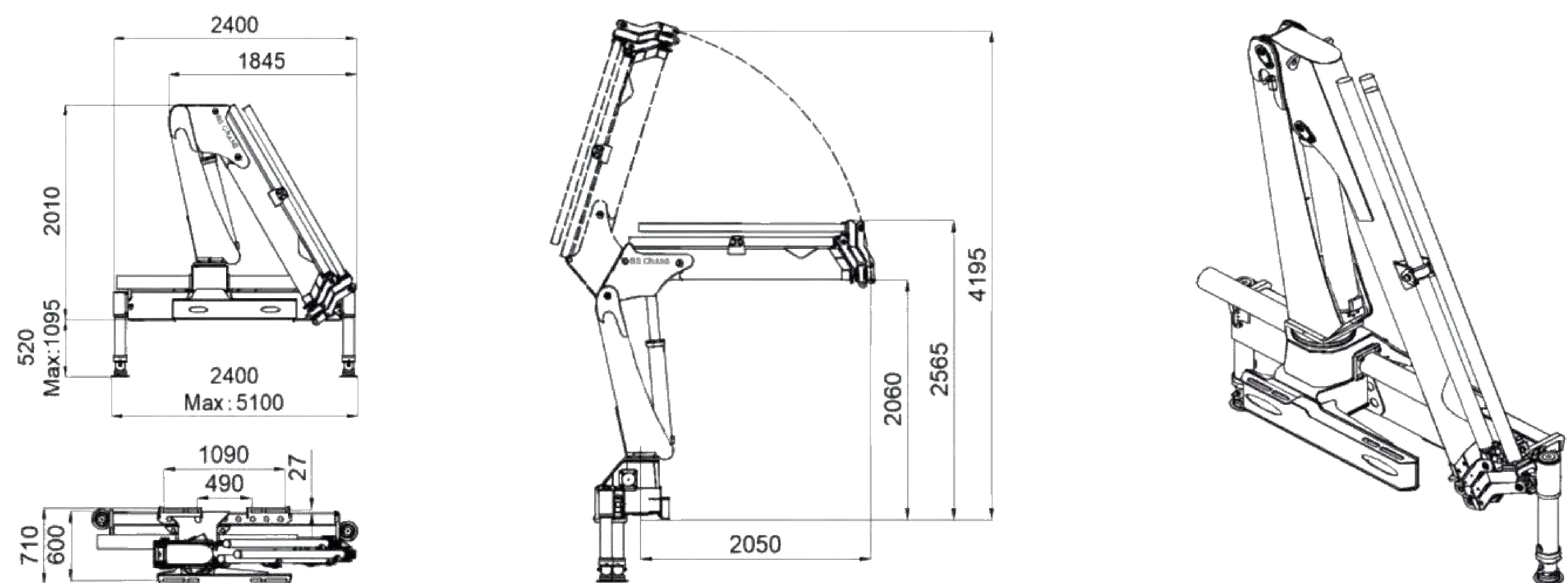


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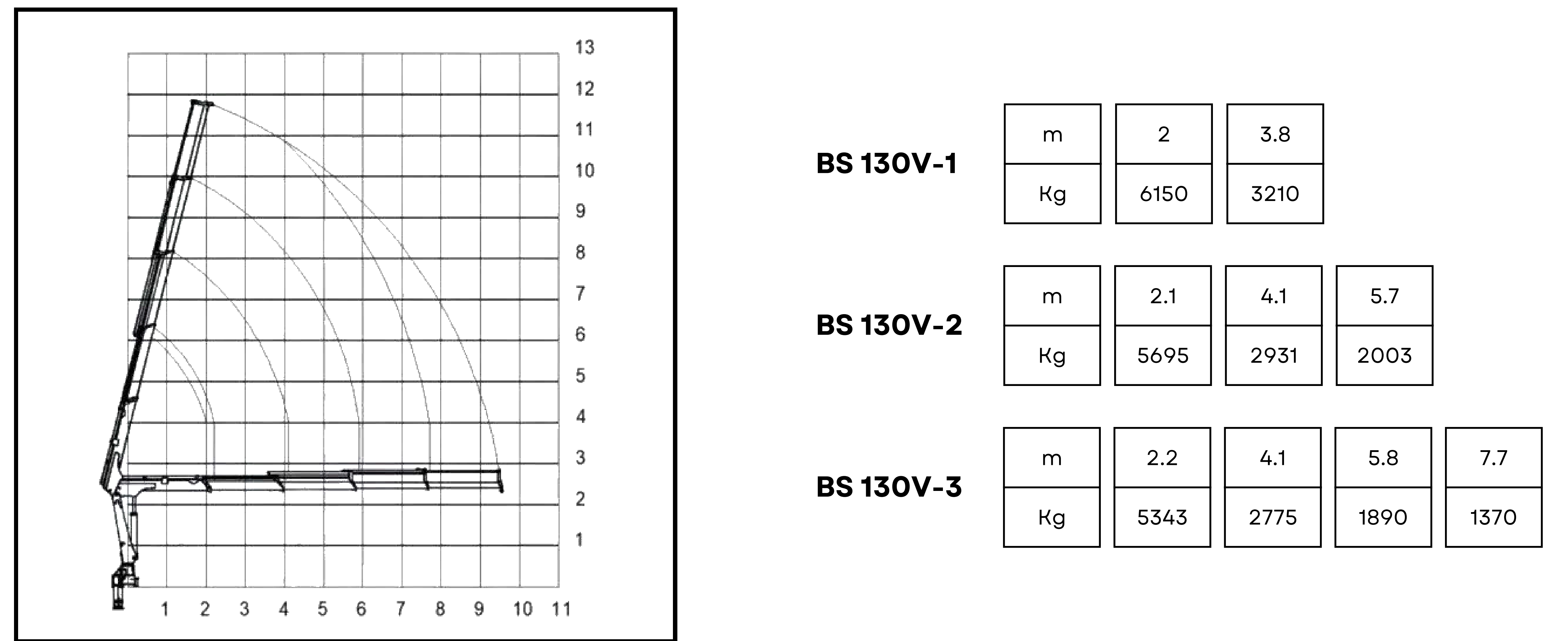


Item	Unit	BS 115V - 1	BS 115V - 2	BS 115V - 3
Lifting Capacity	tm	11.5	11.3	11
Outreach	m	3.2	5	6.4
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	5100	5100	5100
Working Pressure	bar	300	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	1160 ± 5%	1260 ± 5%	1360 ± 5%

◆ Dimensions

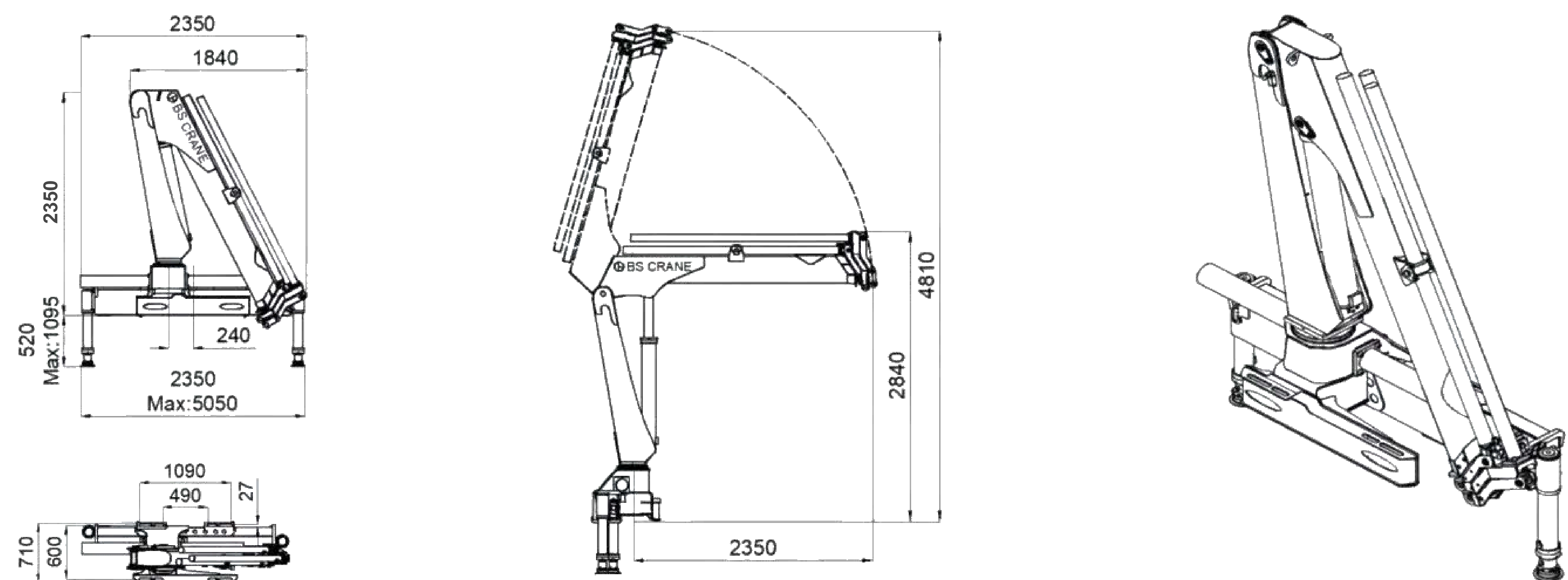


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Item	Unit	BS 130V - 1	BS 130V - 2	BS 130V - 3
Lifting Capacity	tm	12.4	12.2	12
Outreach	m	3.8	5.7	7.7
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	5050	5050	5050
Working Pressure	bar	300	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	1200 ± 5%	1300 ± 5%	1400 ± 5%

◆ Dimensions



KNUCKLE BOOM CRANE

◆ **Advanced Articulated Design**

Our knuckle boom cranes feature an articulated boom structure that delivers exceptional flexibility and control. This design allows for precise maneuvering in confined spaces, making them ideal for urban environments, construction sites, and specialized transport tasks.

◆ **Superior Product Performance**

Engineered with high-quality materials and advanced hydraulic systems, the series ensures reliable, long-lasting performance. Intuitive controls and robust construction reduce downtime and maintenance, supporting smooth, consistent operation even in demanding conditions.

◆ **Flexible and Efficient Material Handling**

These cranes provide the right solution for a variety of lifting tasks, from loading and unloading to precise placement of materials. Their compact, articulated booms offer excellent reach and movement efficiency, enhancing productivity across different job requirements.

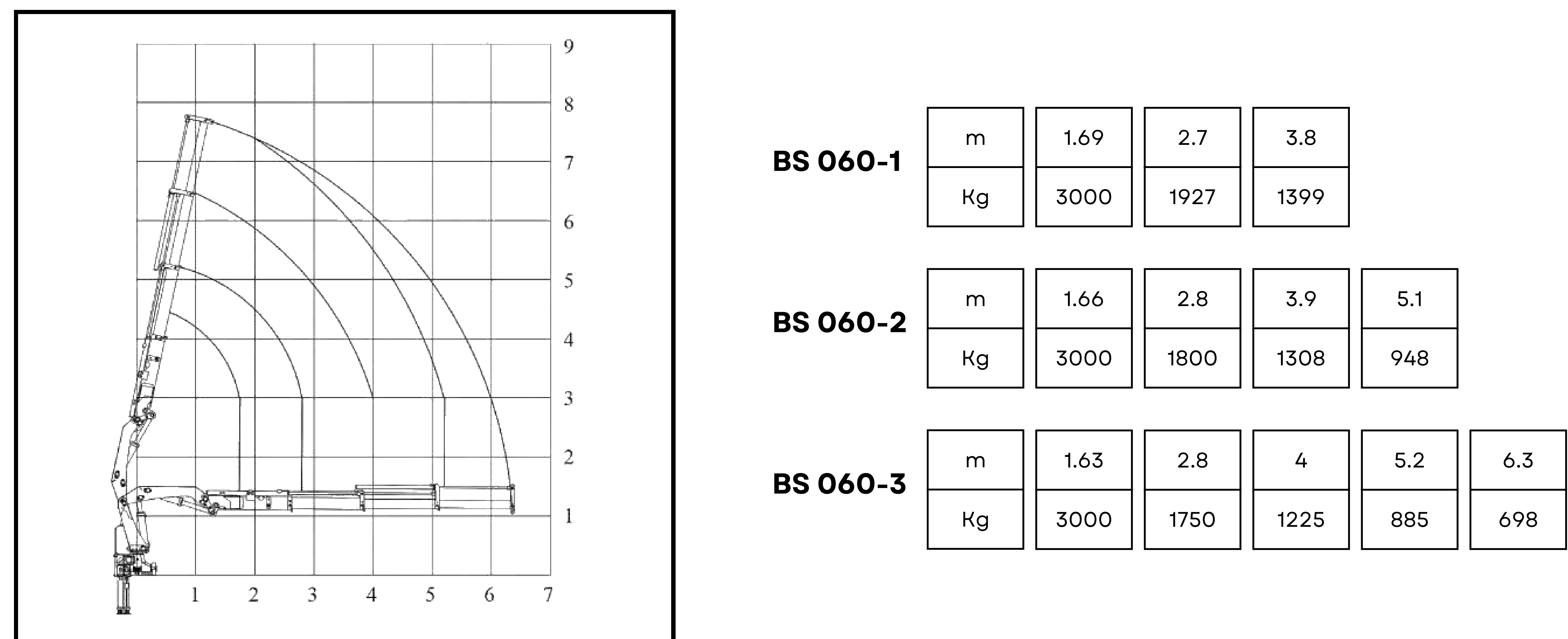
◆ **Versatile Applications Across Industries**

Designed to meet the diverse needs of industries such as construction, logistics, utilities, and landscaping, our Knuckle Boom Crane Series supports safer, more efficient operations. With a wide range of models and configurations, they offer dependable performance tailored to your business.

The product is continuously updated and the parameters are adjusted without prior notice!

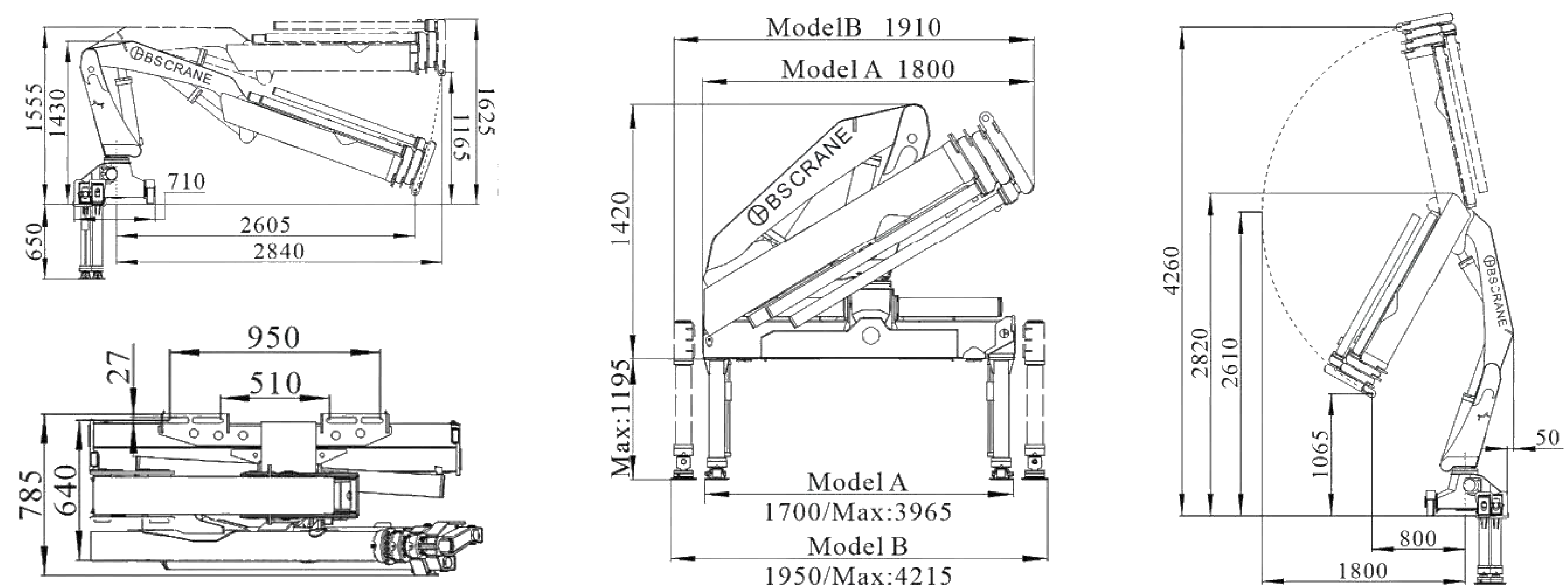


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Item	Unit	BS 060 - 1	BS 060 - 2	BS 060 - 3
Lifting Capacity	tm	5.4	5.2	5.0
Outreach	m	3.8	5.1	6.3
Slewing Angle	°	365	365	365
Stabilizer Spread	mm	4215	4215	4215
Working Pressure	bar	300	300	300
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	995 ± 5%	1045 ± 5%	1100 ± 5%

◆ Dimensions



BS 070-1	m	2	3	4.9		
	Kg	3130	1924	1381		
BS 070-2	m	2	3	5	6.6	
	Kg	3080	2120	1303	839	
BS 070-3	m	2	3	5.1	6.7	8.3
	Kg	3030	2060	1227	787	583

Item	Unit	BS 070 - 1	BS 070 - 2	BS 070 - 3
Lifting Capacity	tm	7	6.8	6.6
Outreach	m	4.9	6.6	8.3
Slewing Angle	°	365	365	365
Stabilizer Spread	mm	4900	4900	4900
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	1050 ± 5%	1150 ± 5%	1250 ± 5%

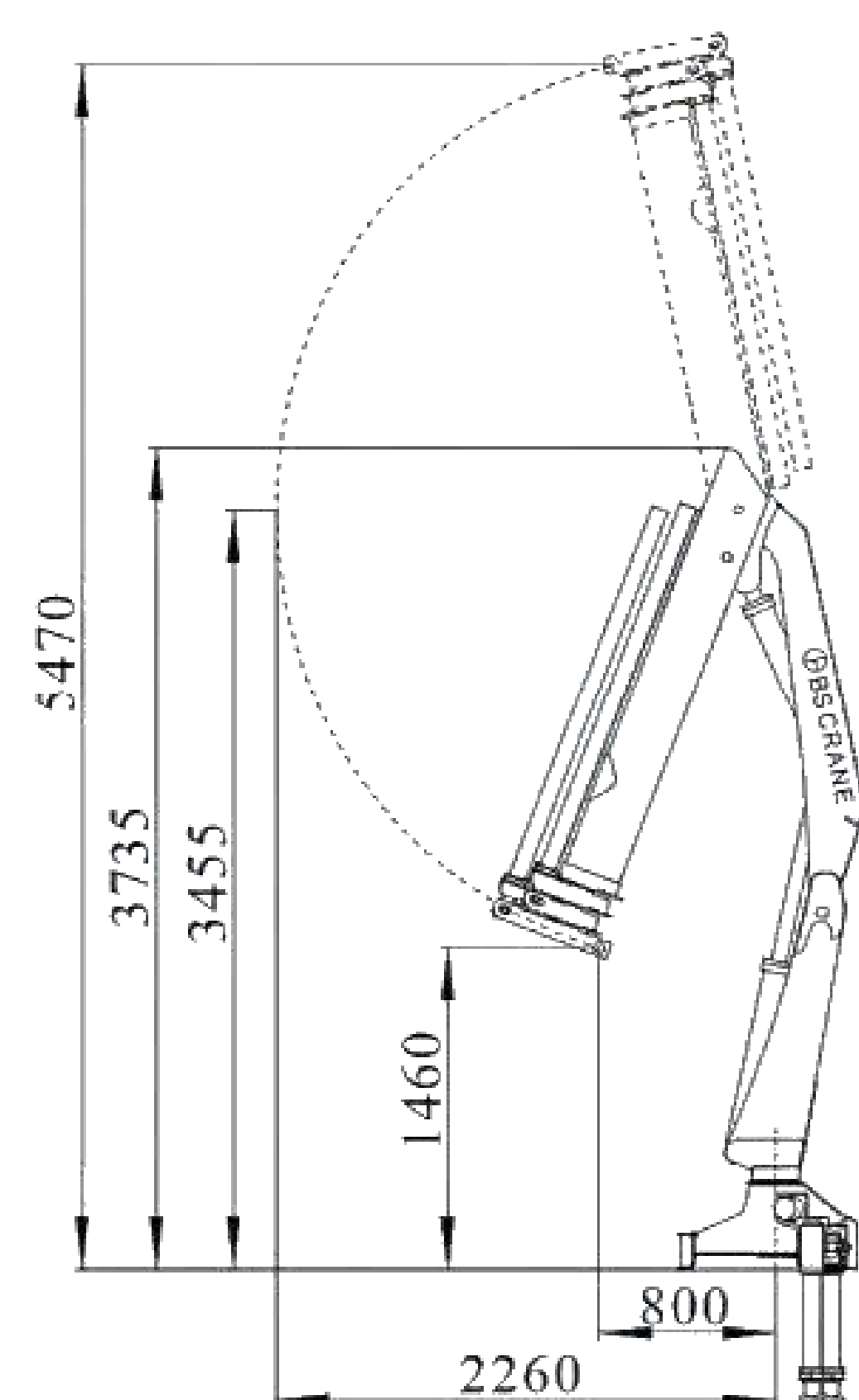
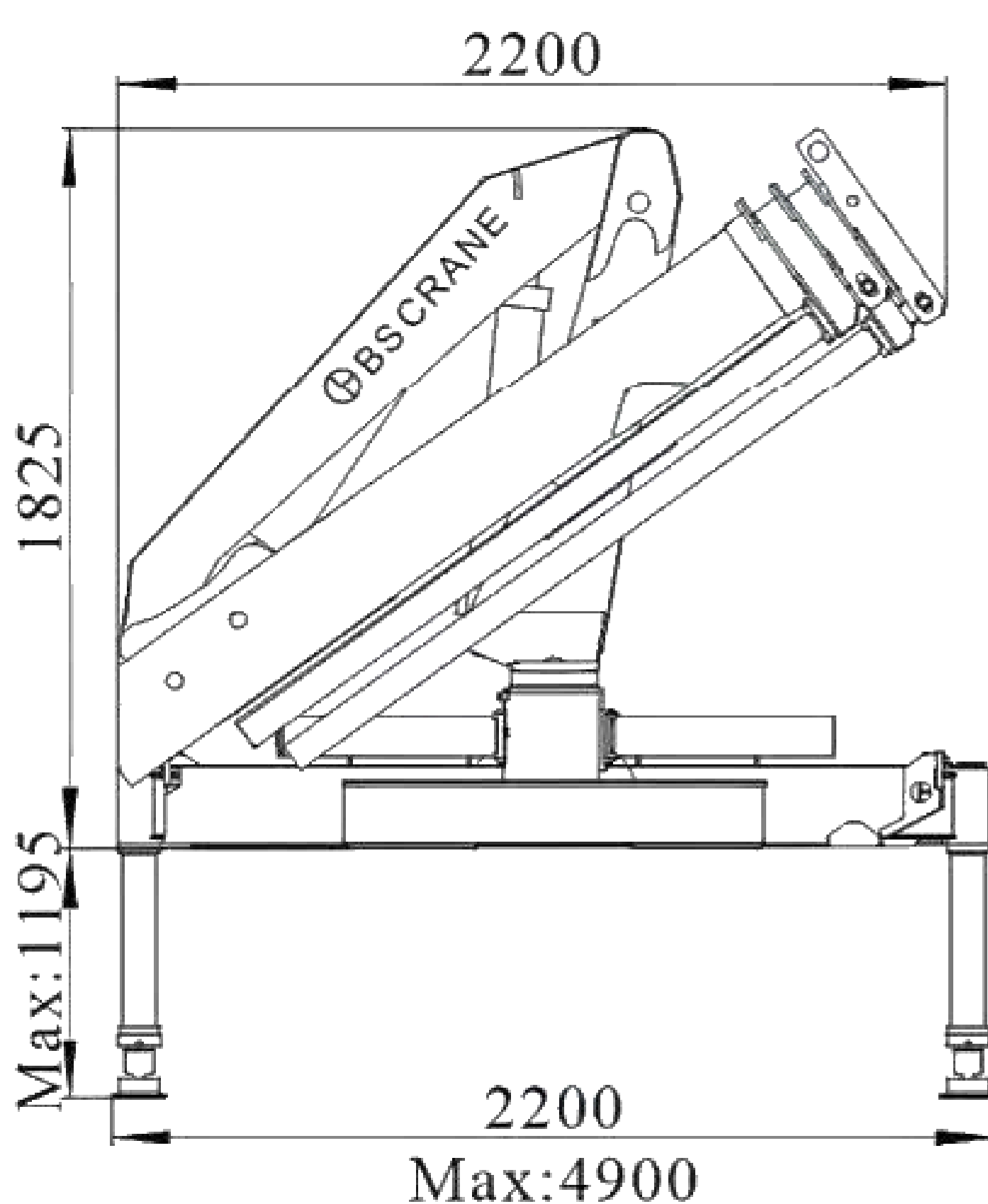
Technical drawing of the BSCrane 1000 crane, showing side and front views with dimensions in millimeters.

Side View Dimensions:

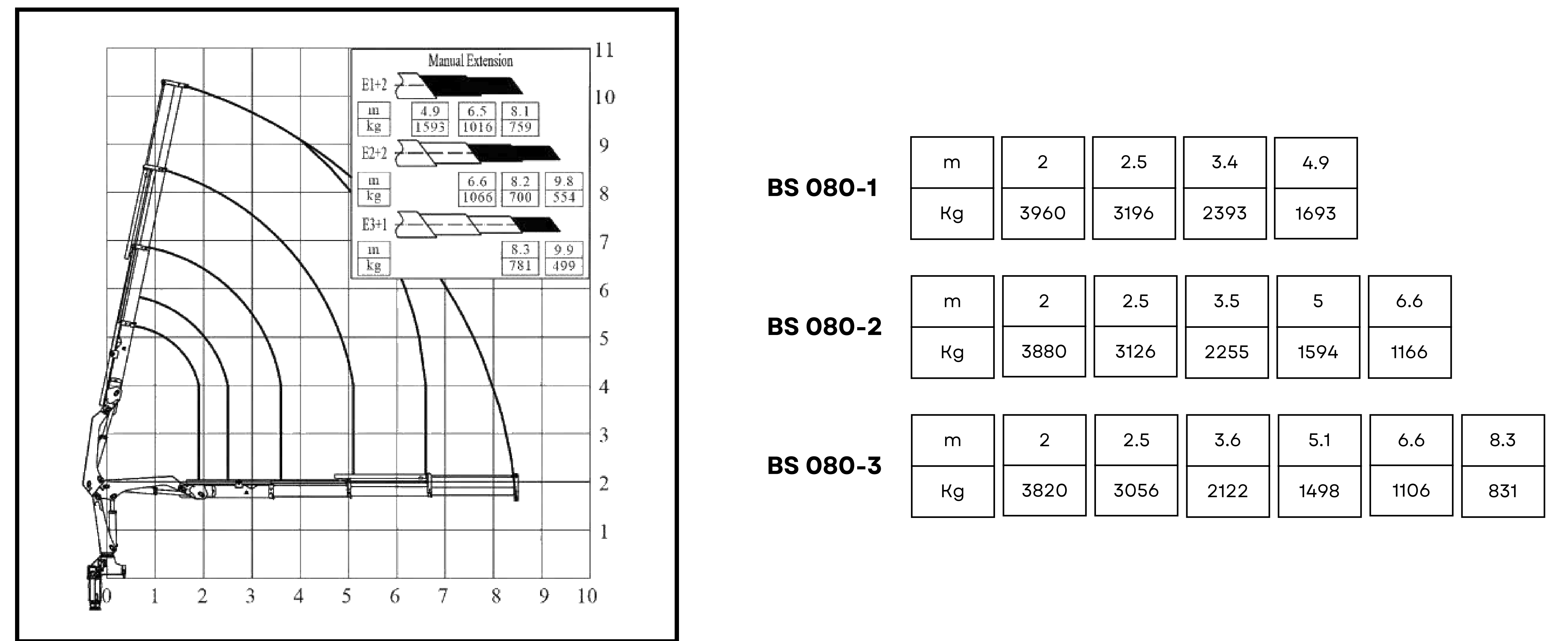
- Max: 1195
- 1995
- 1855
- 805
- 3265
- 3625
- 1595
- 2115

Front View Dimensions:

- 850
- 750
- 27
- 950
- 510

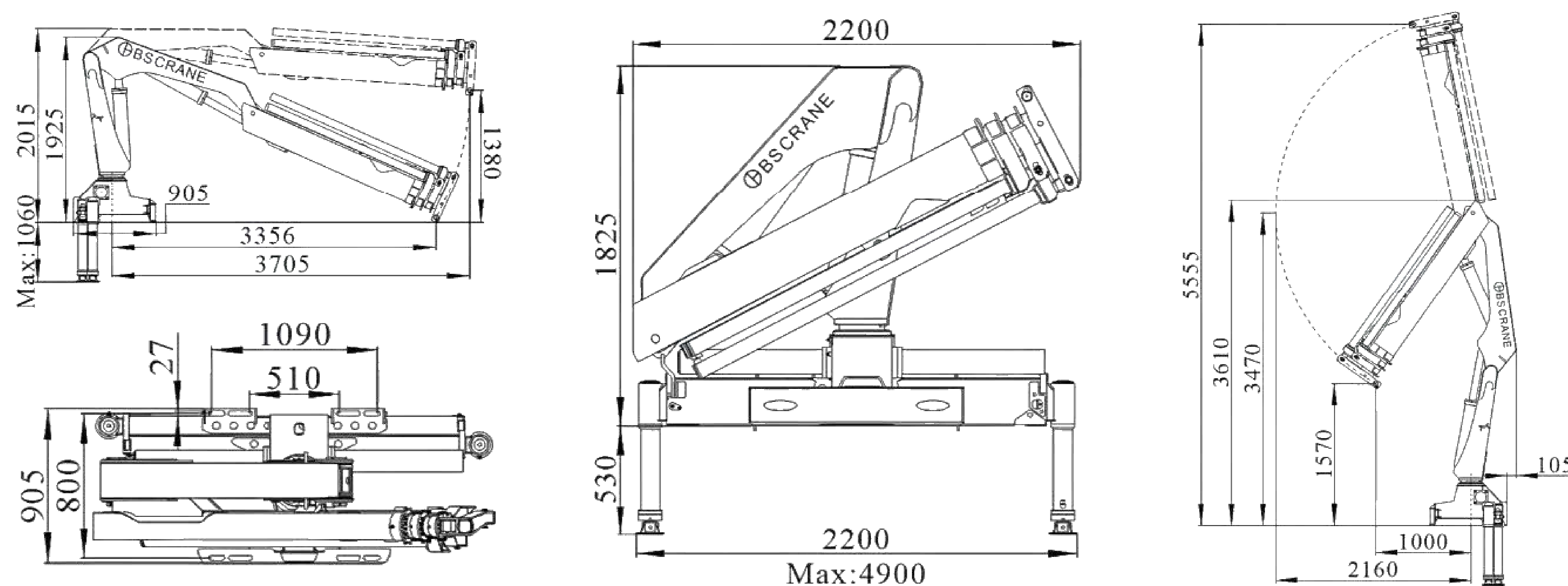


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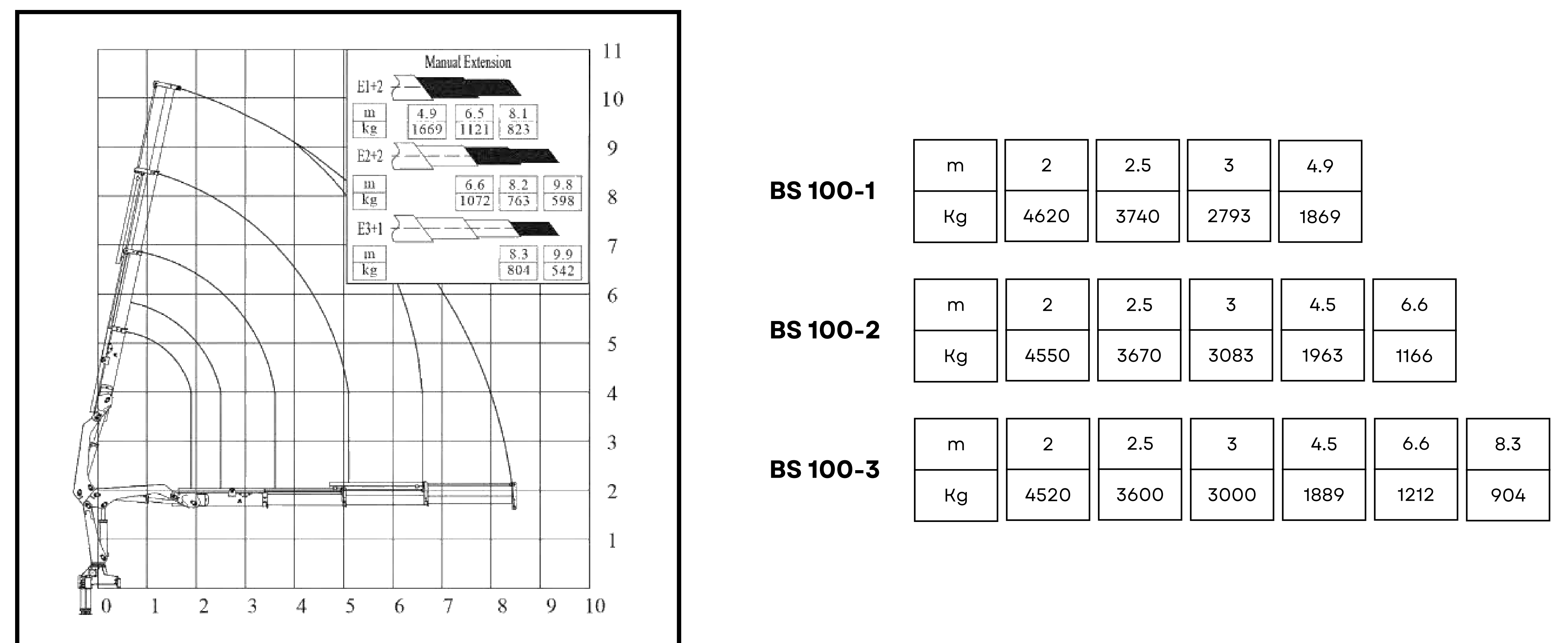


Item	Unit	BS 080 - 1	BS 080 - 2	BS 080 - 3
Lifting Capacity	tm	8.1	7.9	7.7
Outreach	m	4.9	6.6	8.3
Slewing Angle	°	365	365	365
Stabilizer Spread	mm	4900	4900	4900
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	1475 ± 5%	1575 ± 5%	1675 ± 5%

◆ Dimensions

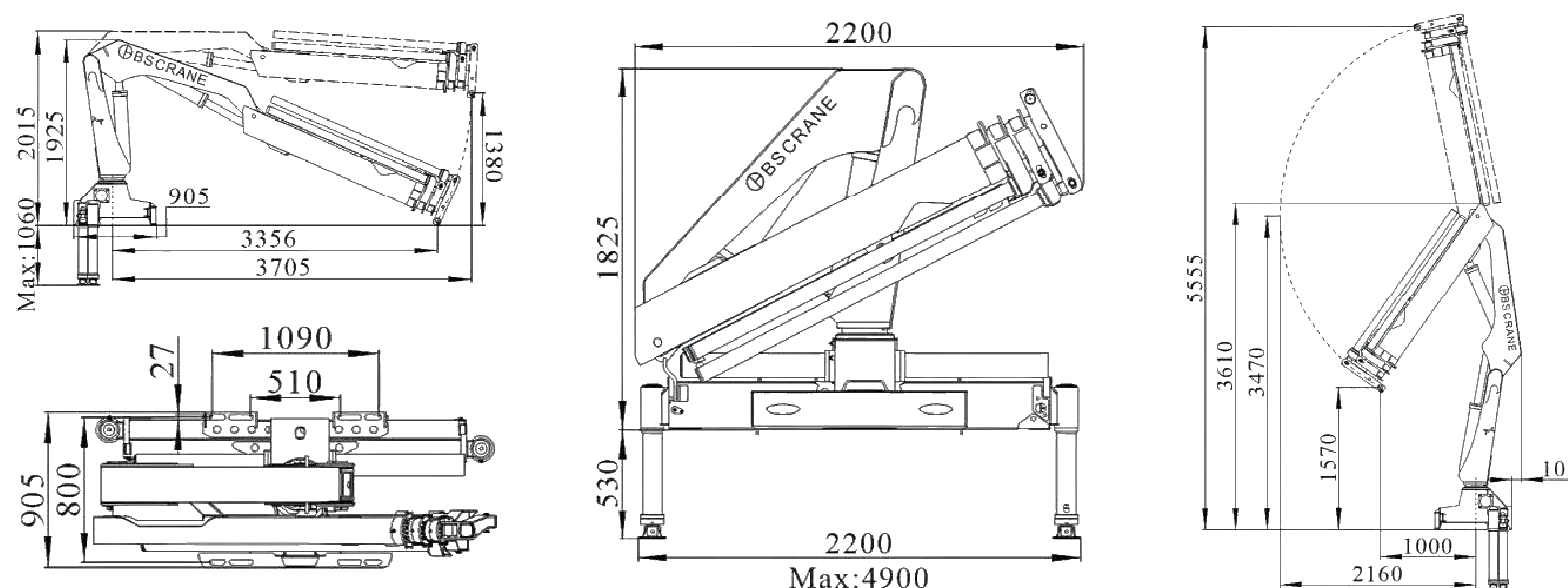


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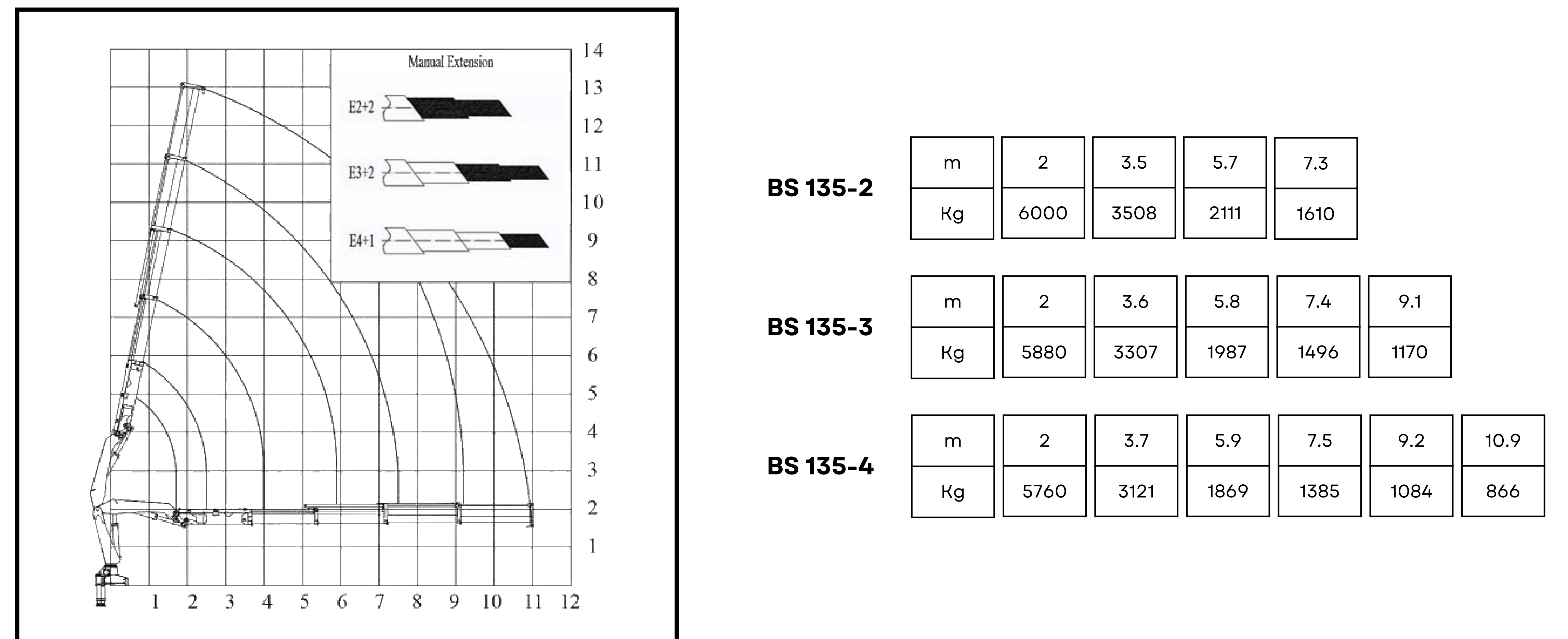


Item	Unit	BS 100 - 1	BS 100 - 2	BS 100 - 3
Lifting Capacity	tm	9.6	9.2	9.1
Outreach	m	4.9	6.6	8.3
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	4900	4900	4900
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	37~60	37~60	37~60
Oil Tank Capacity	L	70	70	70
Crane Weight with Stabilizer	kg	1525 ± 5%	1625 ± 5%	1725 ± 5%

◆ Dimensions

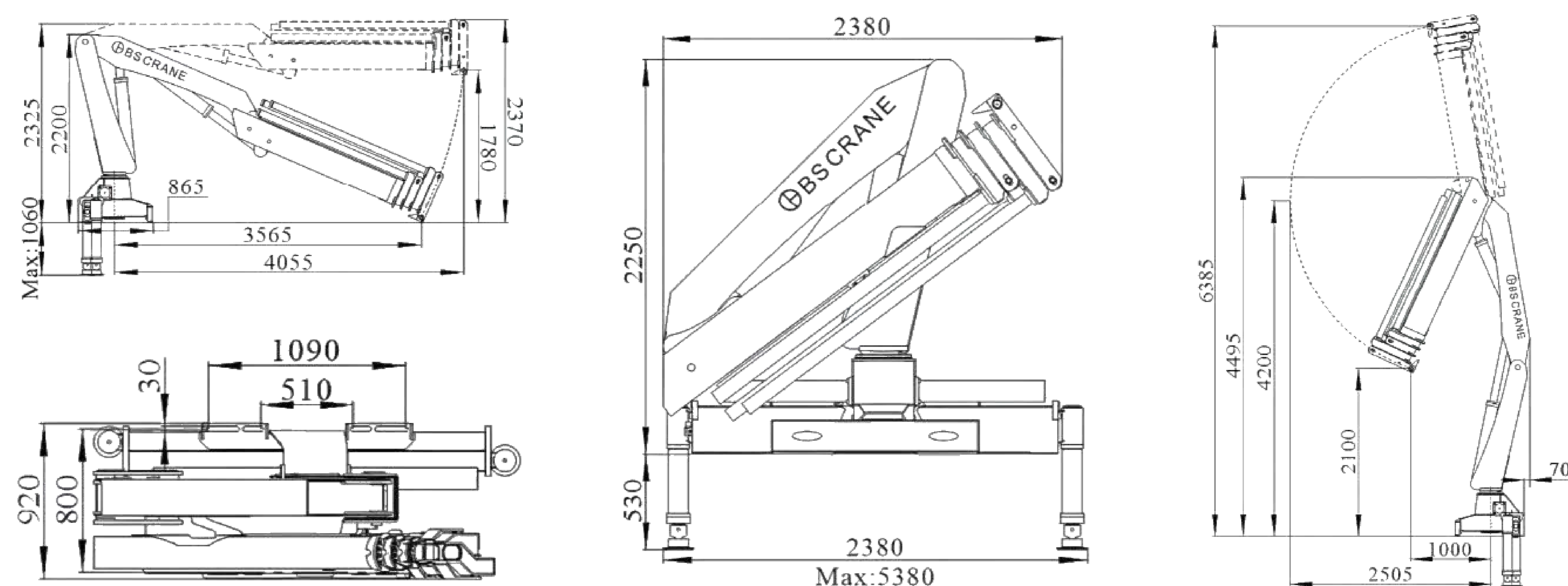


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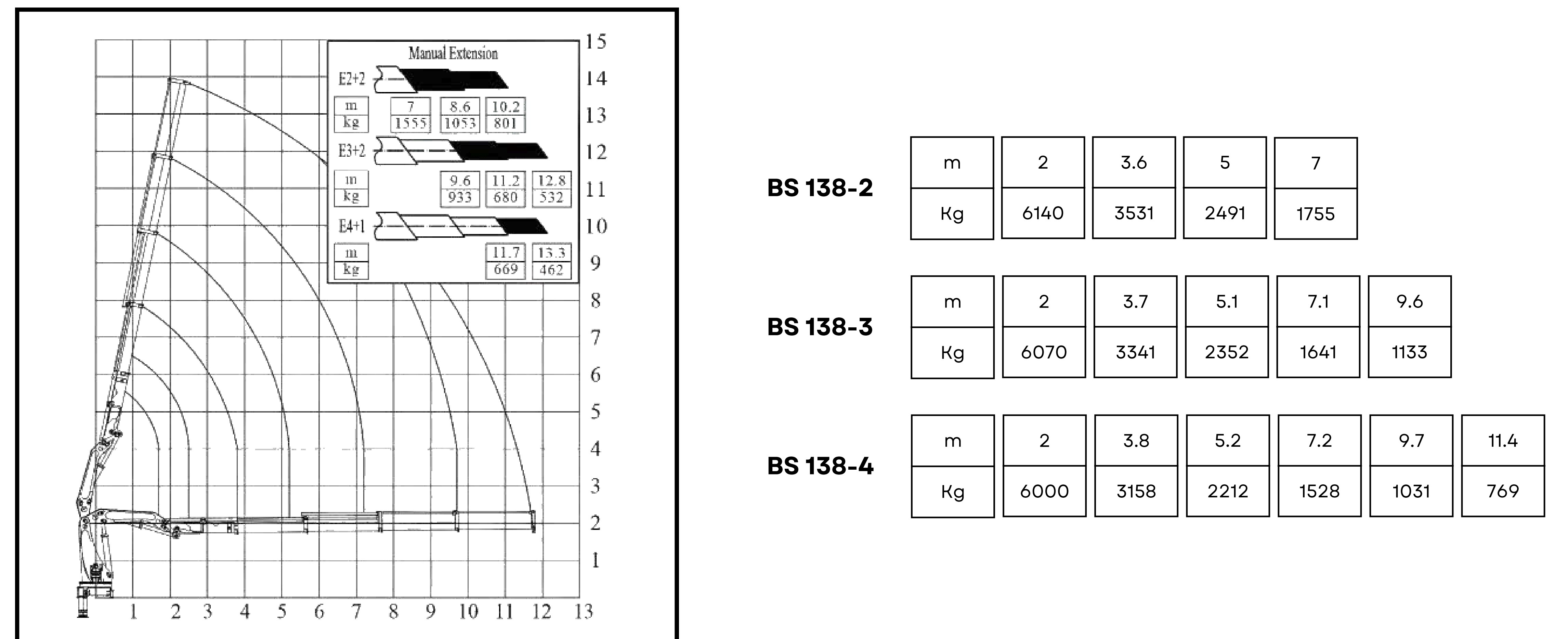


Item	Unit	BS 135 - 2	BS 135 - 3	BS 135 - 4
Lifting Capacity	tm	12.2	12	11.8
Outreach	m	7.3	9.1	10.9
Slewing Angle	°	385	365	365
Stabilizer Spread	mm	5380	5380	5380
Working Pressure	bar	310	300	300
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	80	80	80
Crane Weight with Stabilizer	kg	2050 ± 5%	2150 ± 5%	2250 ± 5%

◆ Dimensions

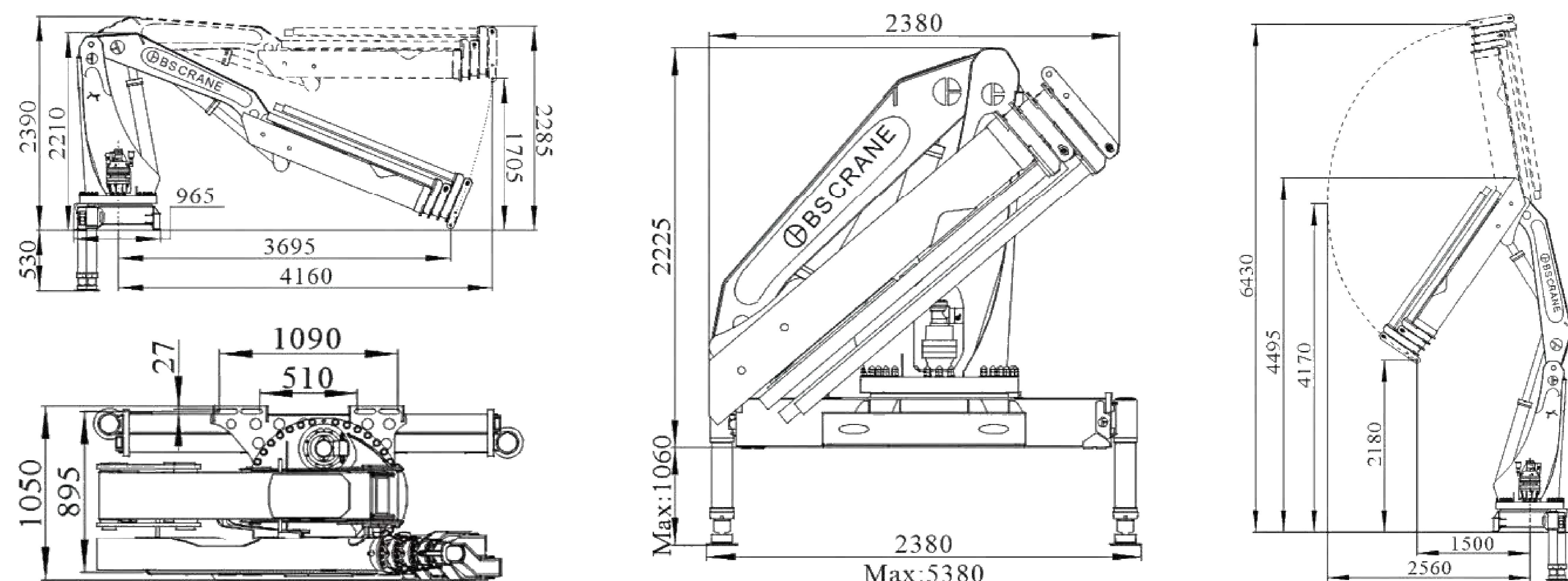


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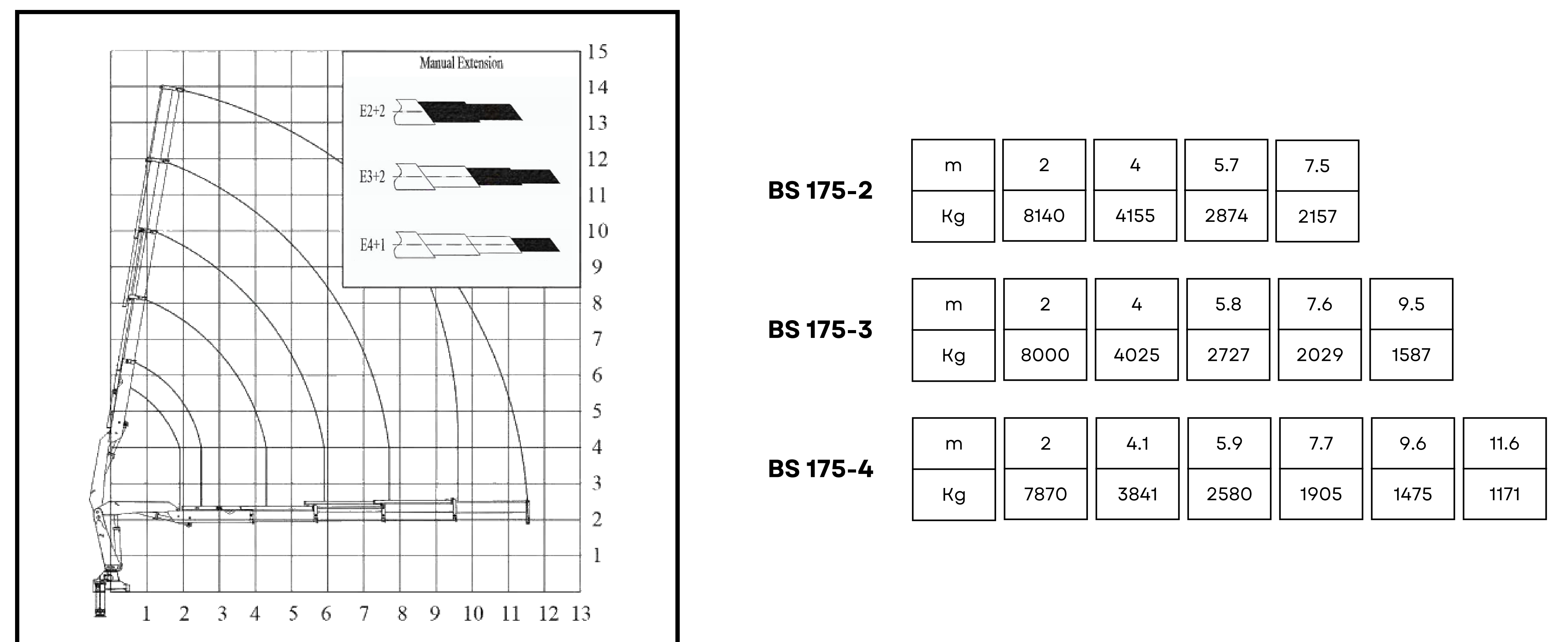


Item	Unit	BS 138 - 2	BS 138 - 3	BS 138 - 4
Lifting Capacity	tm	12.7	12.5	12.3
Outreach	m	7	9.6	11.4
Slewing Angle	°	365	365	365
Stabilizer Spread	mm	5380	5380	5380
Working Pressure	bar	320	320	320
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	80	80	80
Crane Weight with Stabilizer	kg	2420 ± 5%	2540 ± 5%	2660 ± 5%

◆ Dimensions

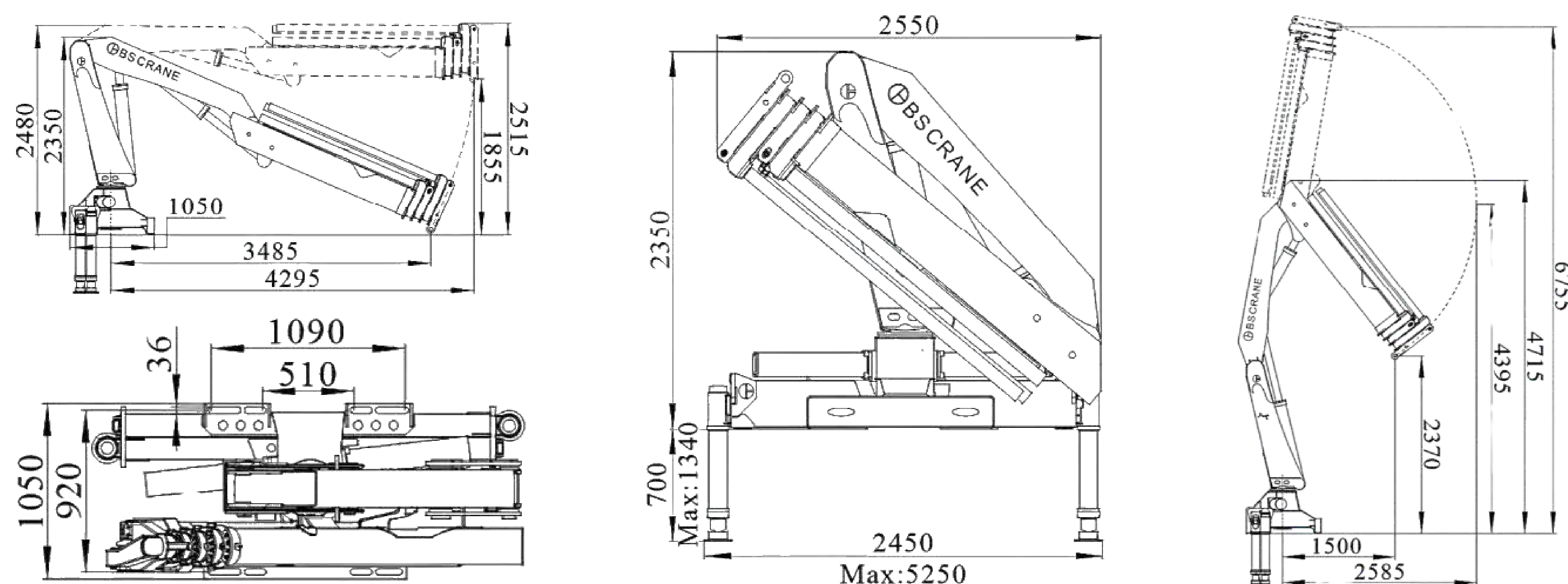


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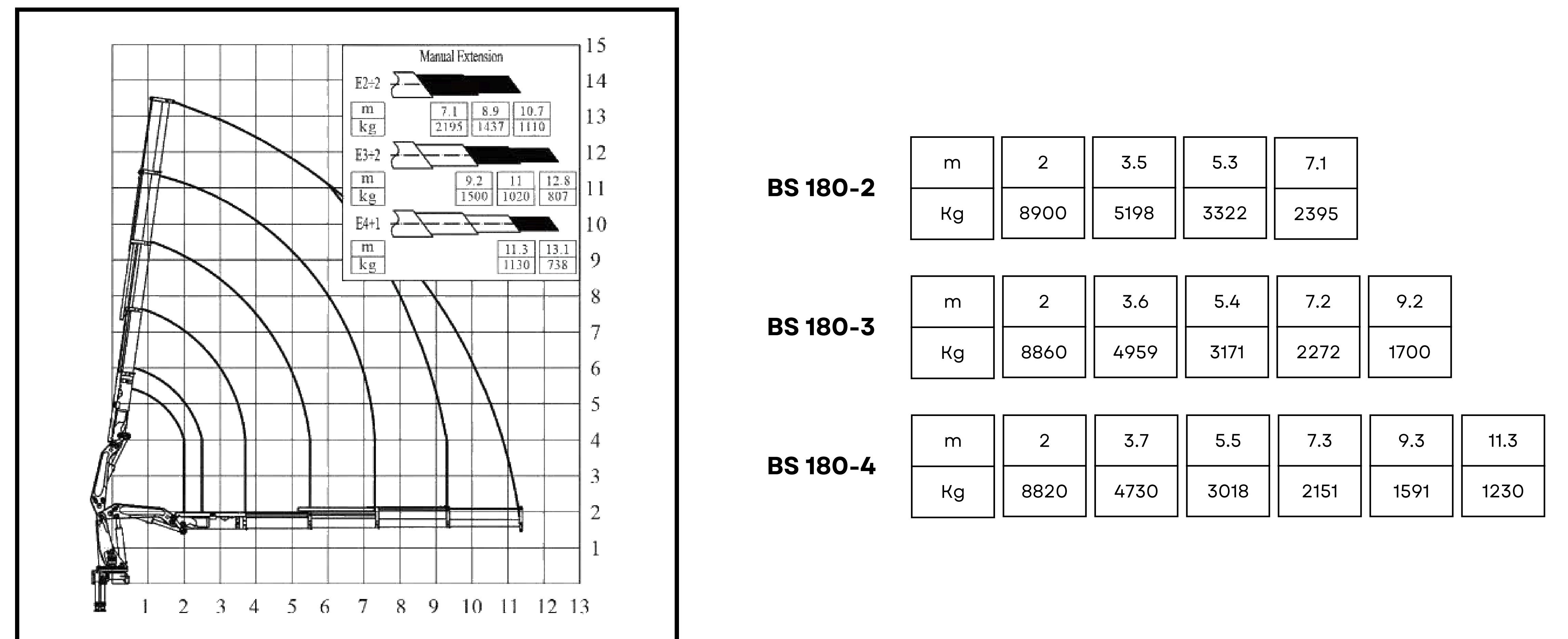


Item	Unit	BS 175 - 2	BS 175 - 3	BS 175 - 4
Lifting Capacity	tm	16.4	16.2	16
Outreach	m	7.5	9.5	11.6
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	5250	5250	5250
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	100	100	100
Crane Weight with Stabilizer	kg	2565 ± 5%	2715 ± 5%	2865 ± 5%

◆ Dimensions

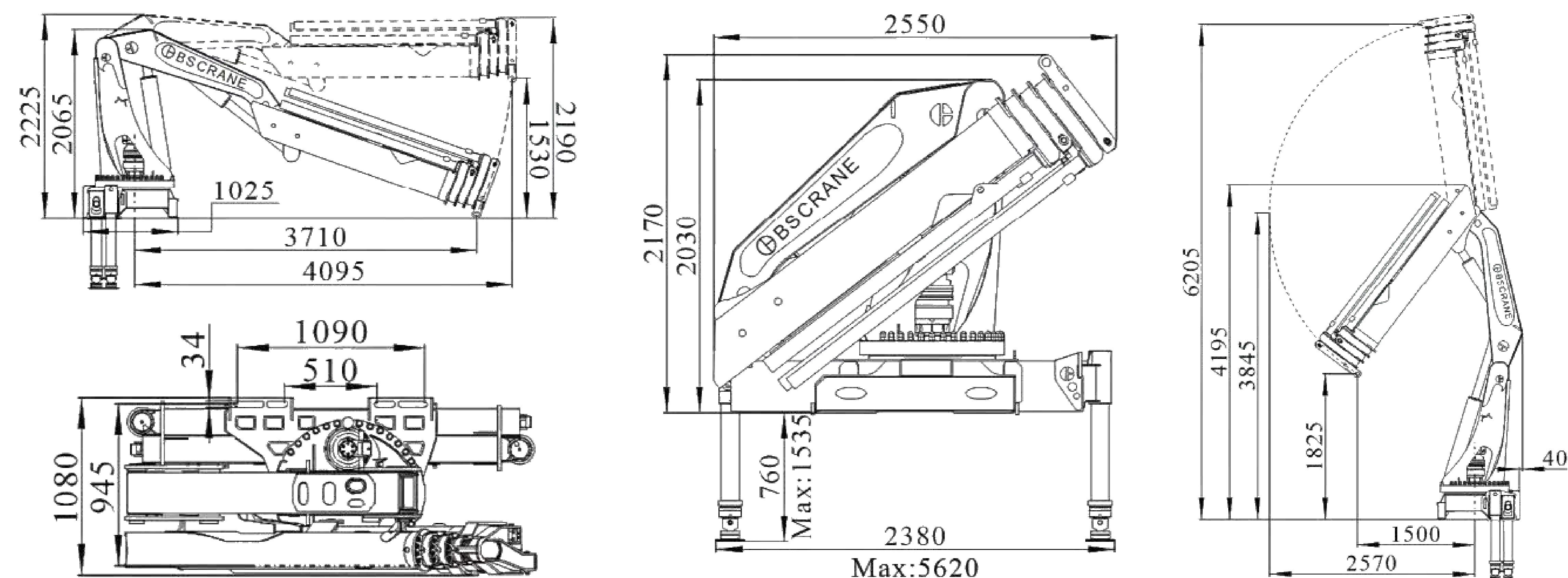


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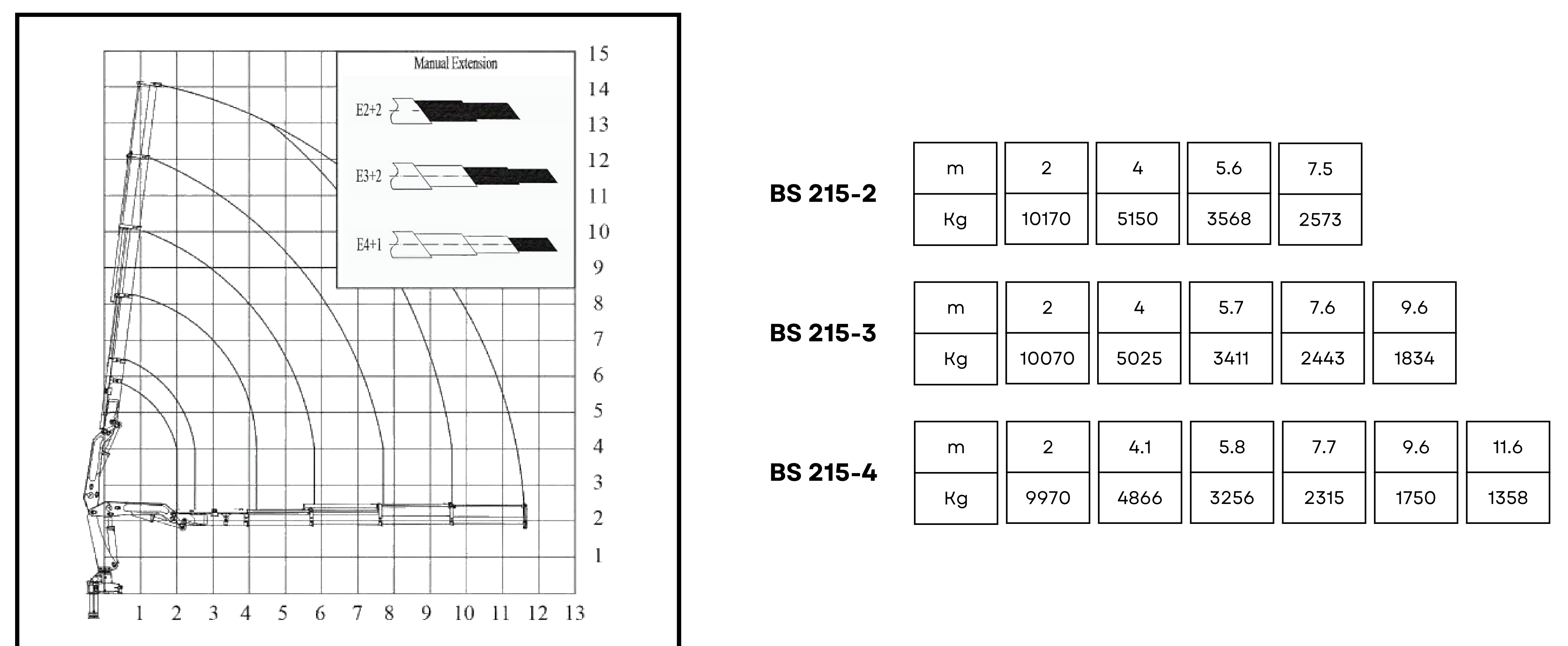


Item	Unit	BS 180 - 2	BS 180 - 3	BS 180- 4
Lifting Capacity	tm	18.5	18.1	17.8
Outreach	m	7.1	9.2	11.3
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	5620	5620	5620
Working Pressure	bar	310	310	310
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	130	130	130
Crane Weight with Stabilizer	kg	2885 ± 5%	3005 ± 5%	3125 ± 5%

◆ Dimensions

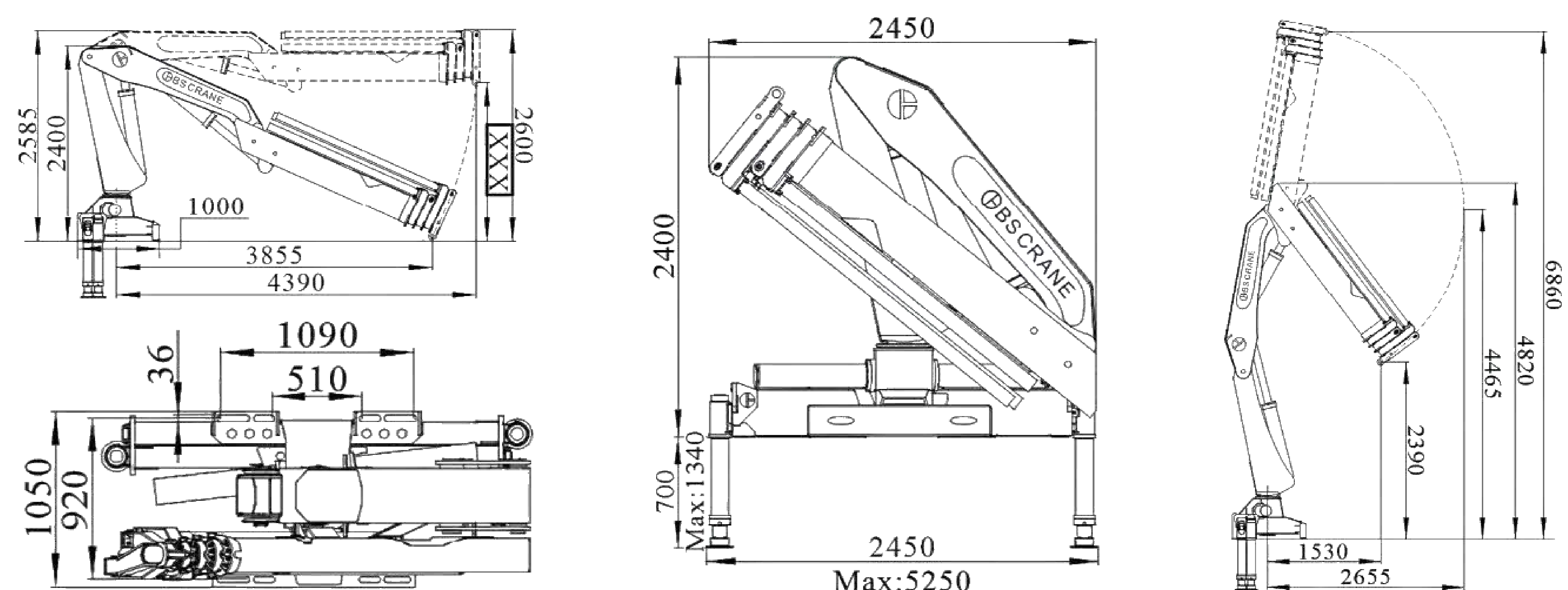


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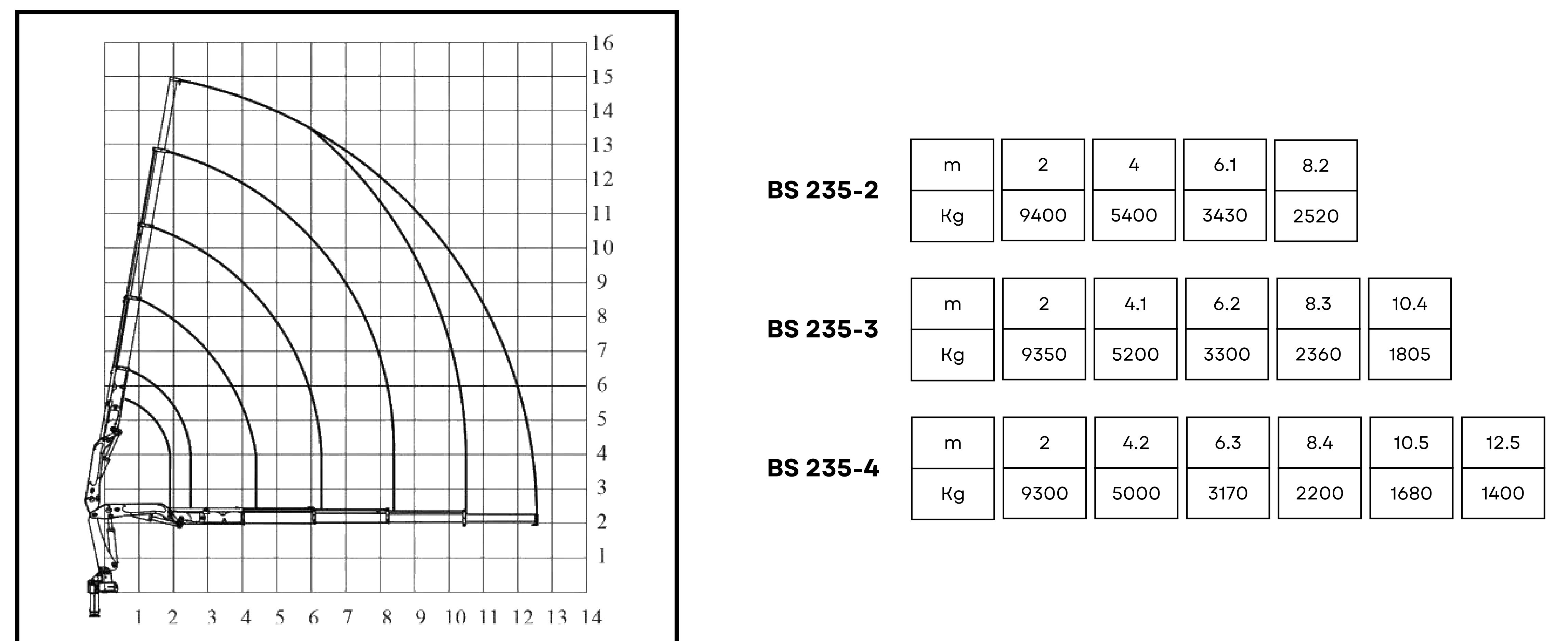


Item	Unit	BS 215 - 2	BS 215 - 3	BS 215 - 4
Lifting Capacity	tm	19.5	19.2	19
Outreach	m	7.5	9.6	11.6
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	5250	4,215	4,215
Working Pressure	bar	320	300	300
Pump Capacity	cc/r	40~100	40~100	40~100
Oil Tank Capacity	L	130	70	70
Crane Weight with Stabilizer	kg	2965 ± 5%	3065 ± 5%	3165 ± 5%

◆ Dimensions

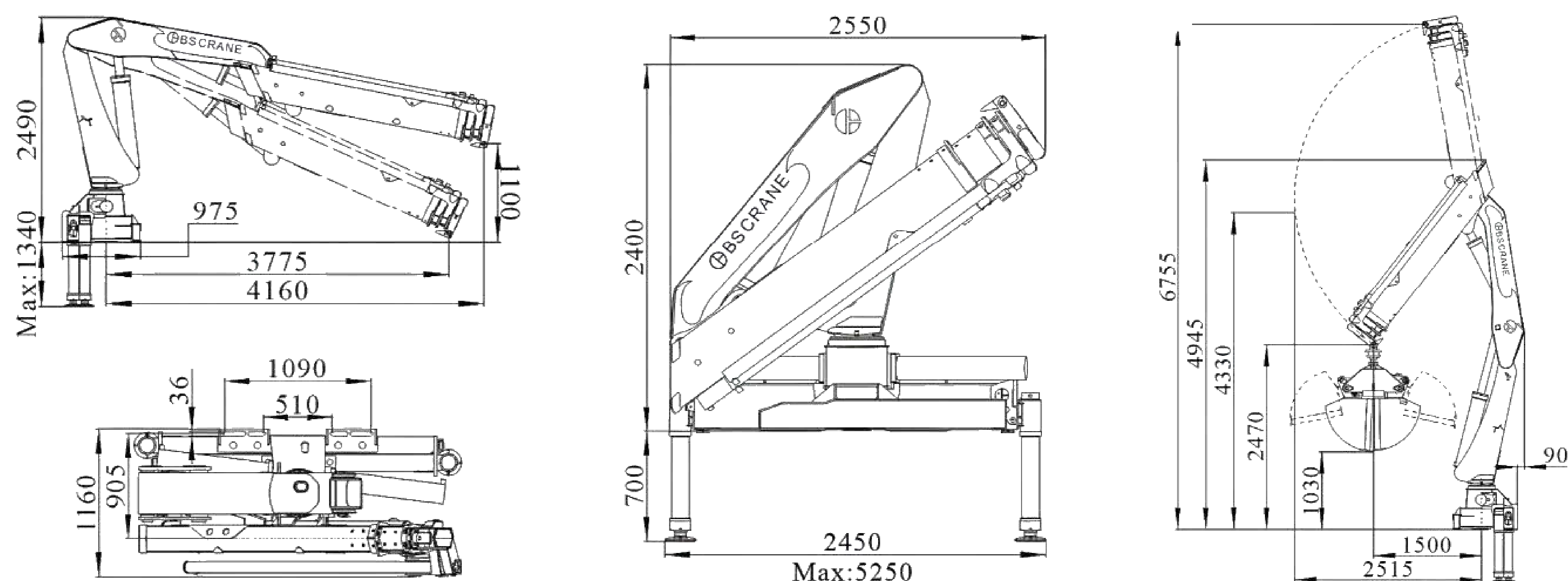


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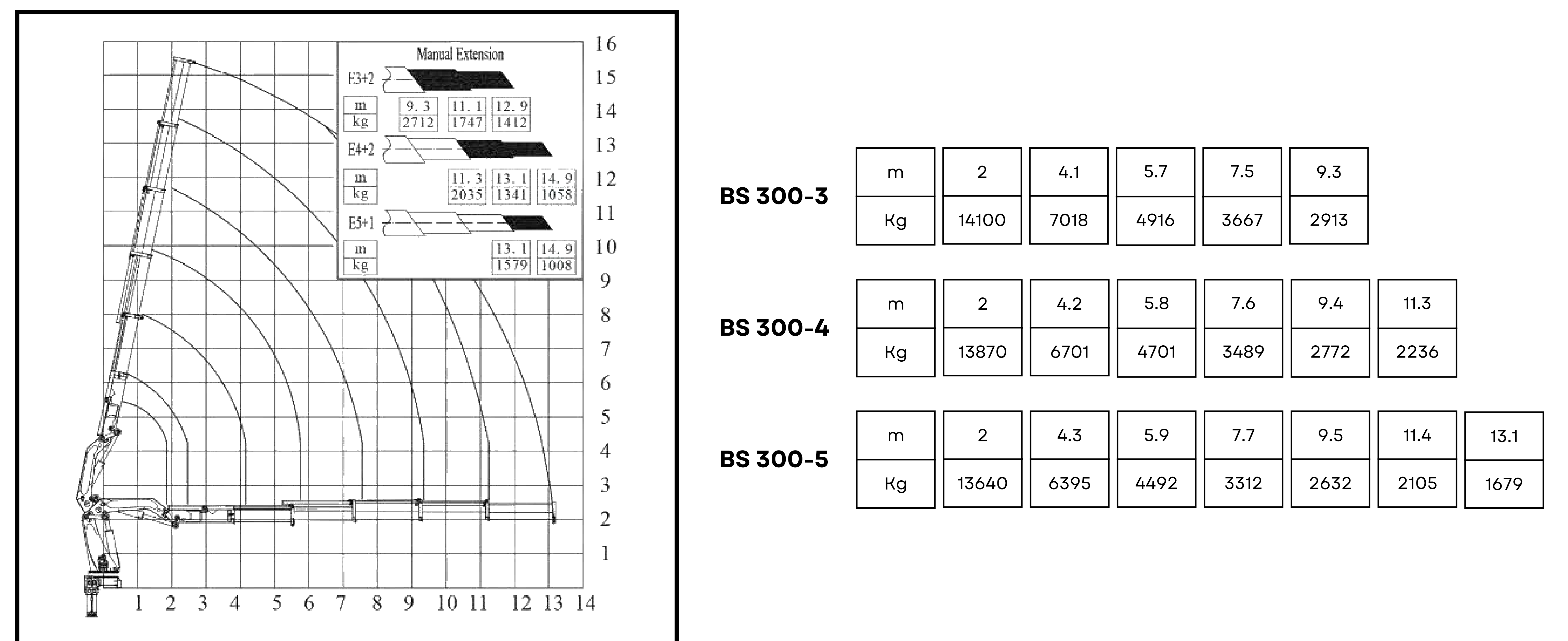


Item	Unit	BS 235 - 2	BS 235 - 3	BS 235 - 4
Lifting Capacity	tm	21.6	21	20
Outreach	m	8.2	10.4	12.5
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	5250	5250	5250
Working Pressure	bar	320	320	320
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	130	130	130
Crane Weight with Stabilizer	kg	3230 ± 5%	3330 ± 5%	3430 ± 5%

◆ Dimensions

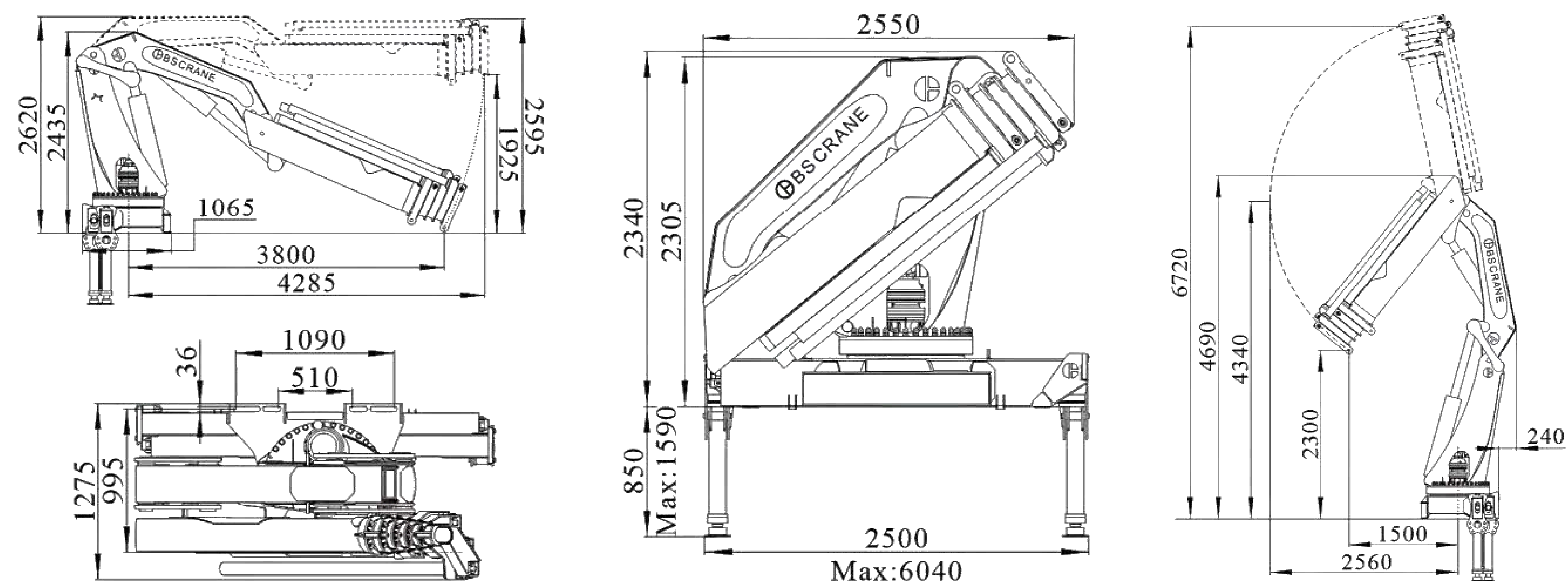


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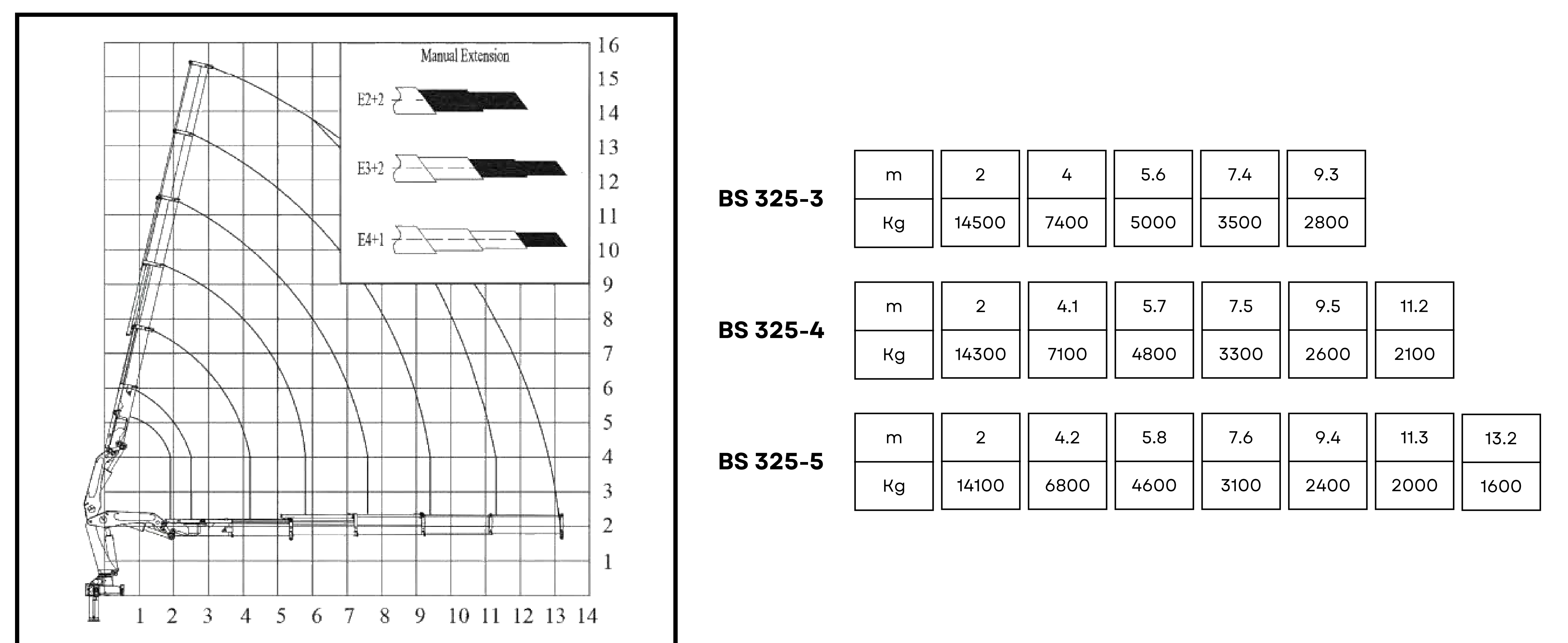


Item	Unit	BS 300 - 3	BS 300 - 4	BS 300 - 5
Lifting Capacity	tm	287	280	275
Outreach	m	9.3	11.3	13.1
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	6040	6040	6040
Working Pressure	bar	320	320	320
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	160	160	160
Crane Weight with Stabilizer	kg	3895 ± 5%	4045 ± 5%	4195 ± 5%

◆ Dimensions

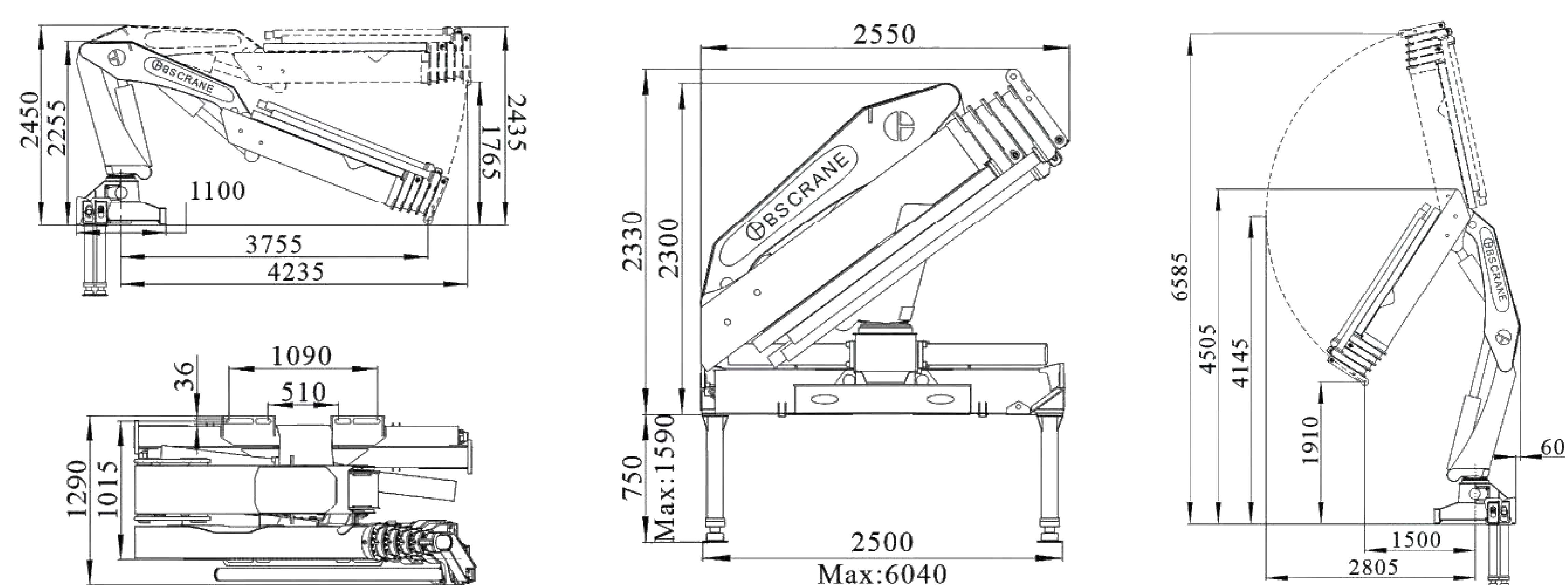


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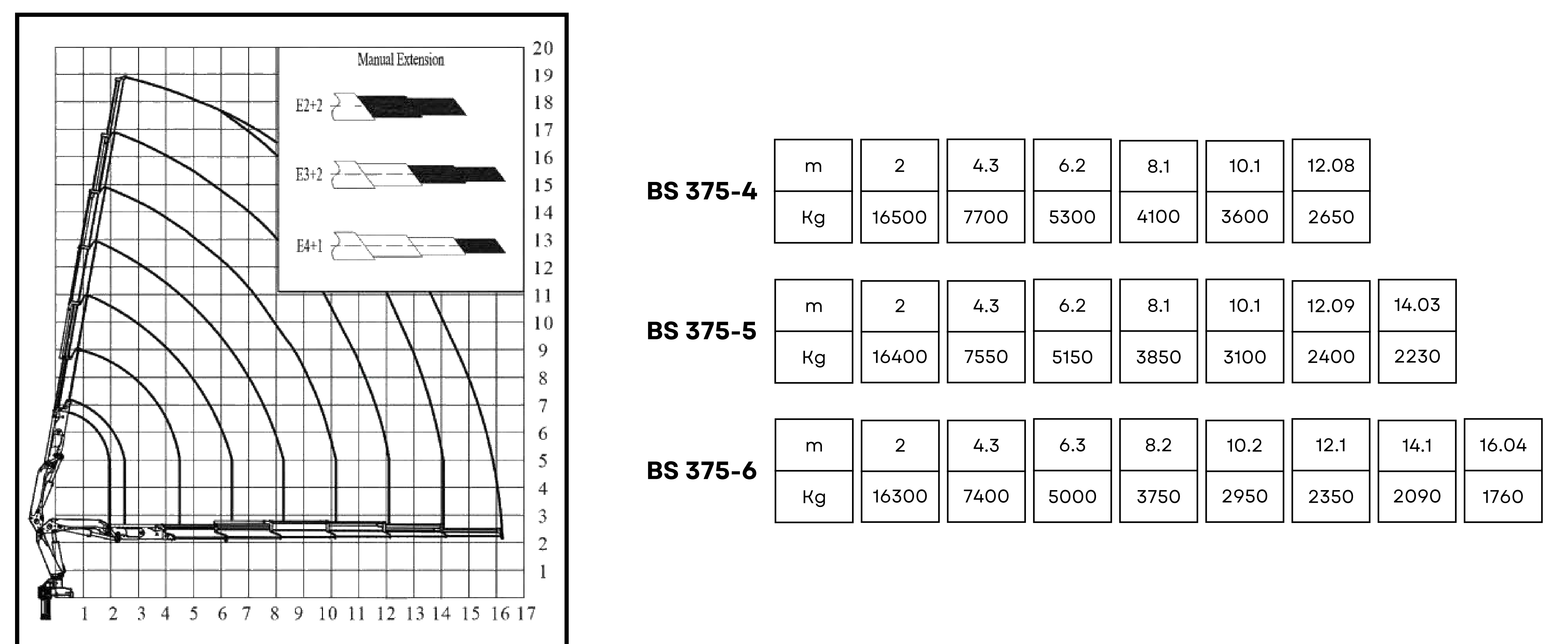


Item	Unit	BS 325 - 3	BS 325 - 4	BS 325 - 5
Lifting Capacity	tm	30	29	28
Outreach	m	9.3	11.2	13.2
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	6040	6040	6040
Working Pressure	bar	330	330	330
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	160	160	160
Crane Weight with Stabilizer	kg	3600 ± 5%	3750 ± 5%	3900 ± 5%

◆ Dimensions

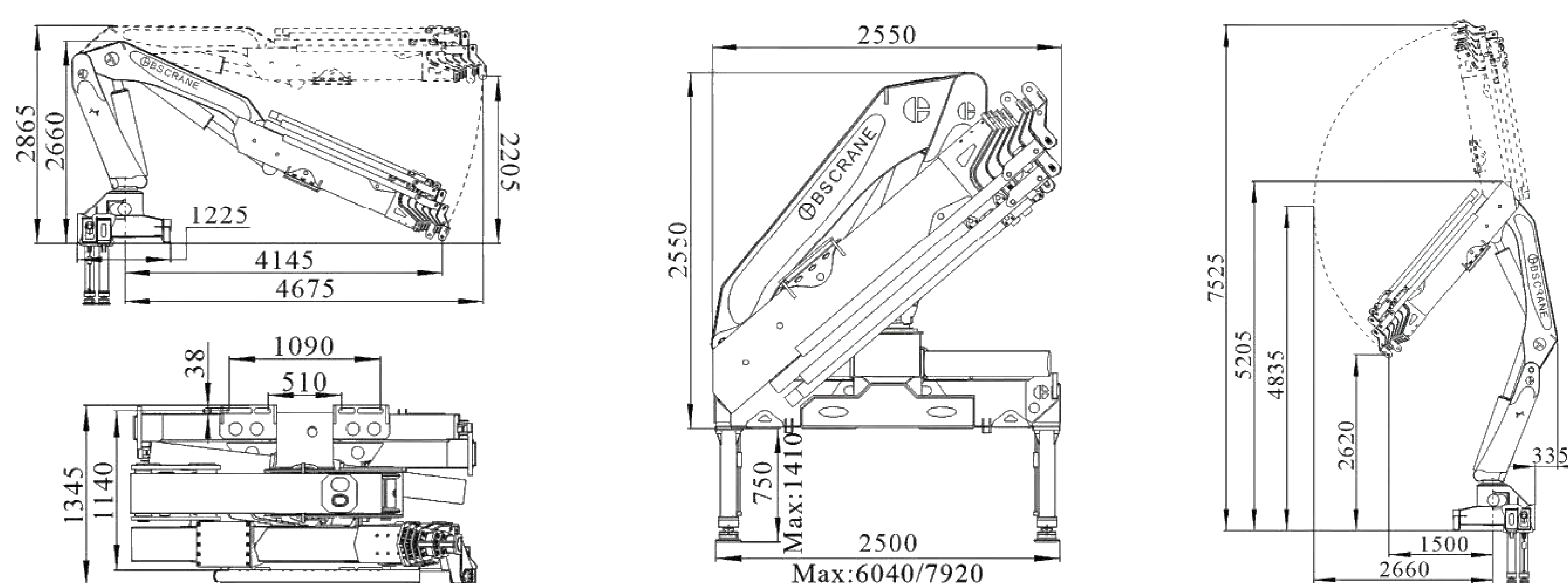


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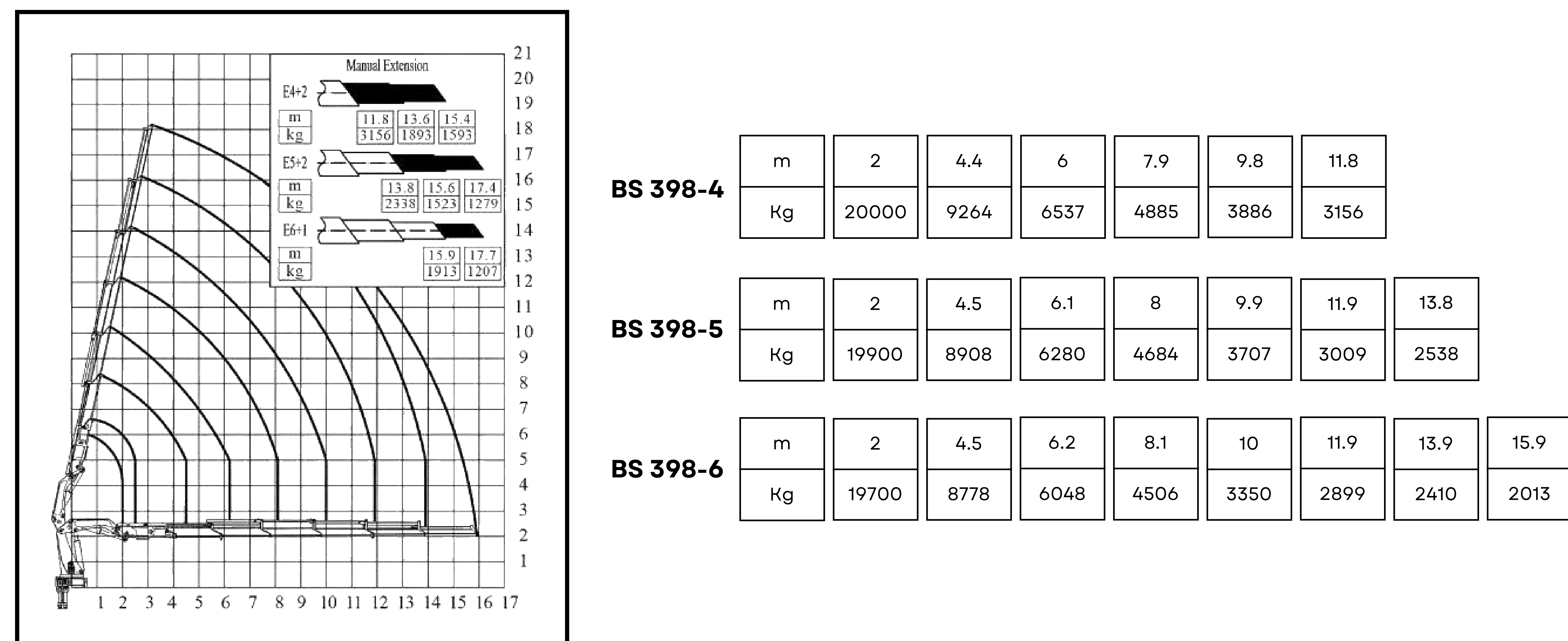


Item	Unit	BS 375 - 4	BS 375 - 5	BS 375 - 6
Lifting Capacity	tm	34	33.5	33
Outreach	m	12.08	14.03	16.04
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	6040	6040	6040
Working Pressure	bar	330	330	330
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	200	200	200
Crane Weight with Stabilizer	kg	4610 ± 5%	4860 ± 5%	5010 ± 5%

◆ Dimensions

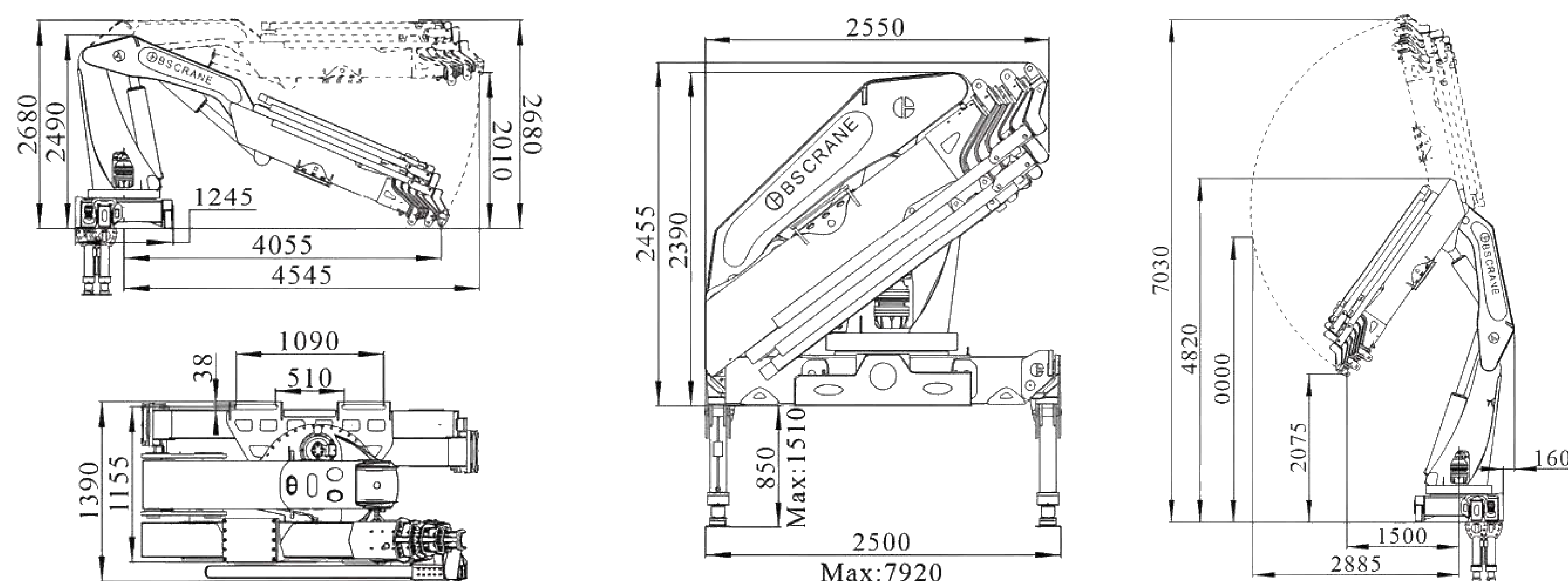


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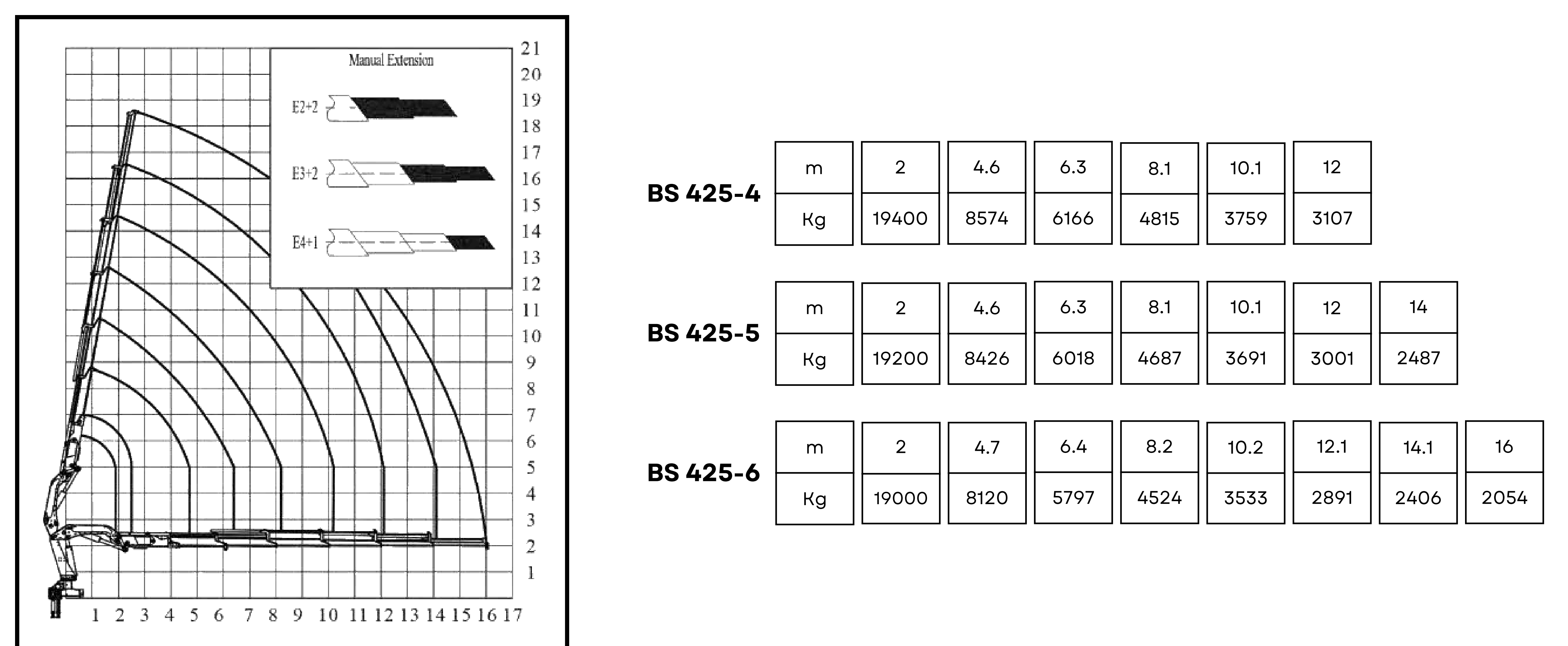


Item	Unit	BS 398 - 4	BS 398 - 5	BS 398 - 6
Lifting Capacity	tm	41.6	40.9	40.2
Outreach	m	11.8	13.8	15.9
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	7920	7920	7920
Working Pressure	bar	320	320	320
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	200	200	200
Crane Weight with Stabilizer	kg	5120 ± 5%	5290 ± 5%	5440 ± 5%

◆ Dimensions

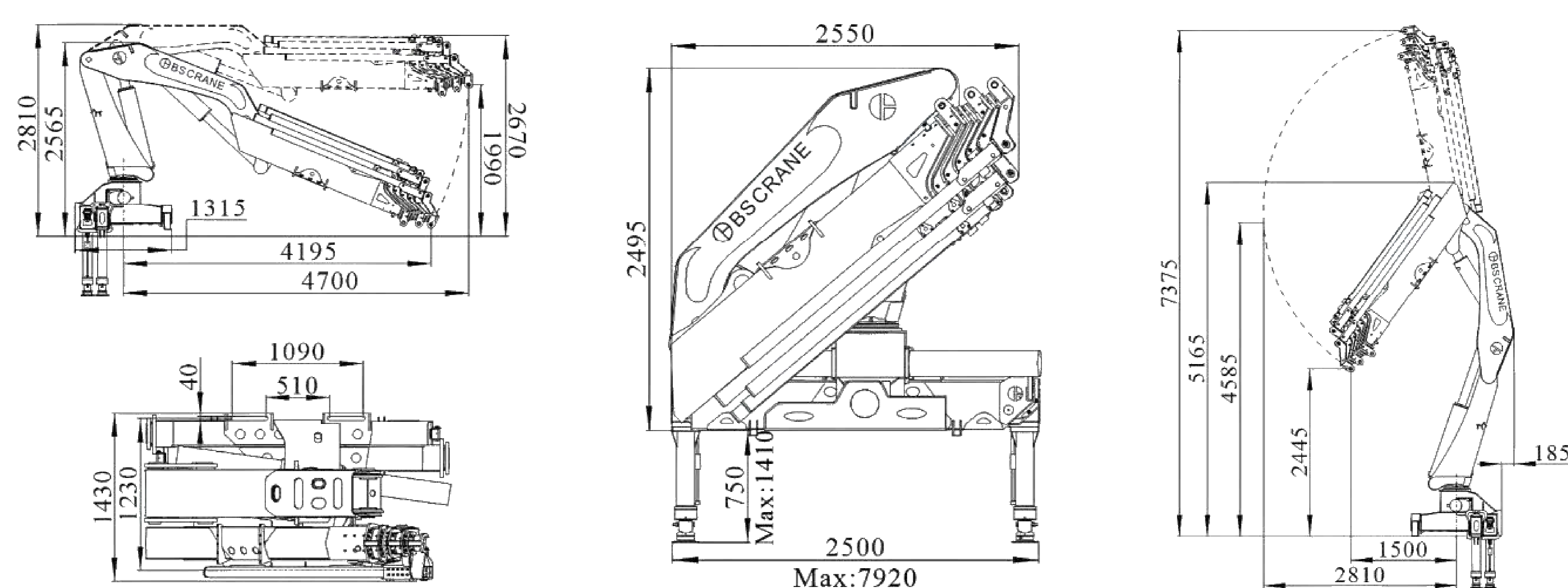


◆ Loading Chart

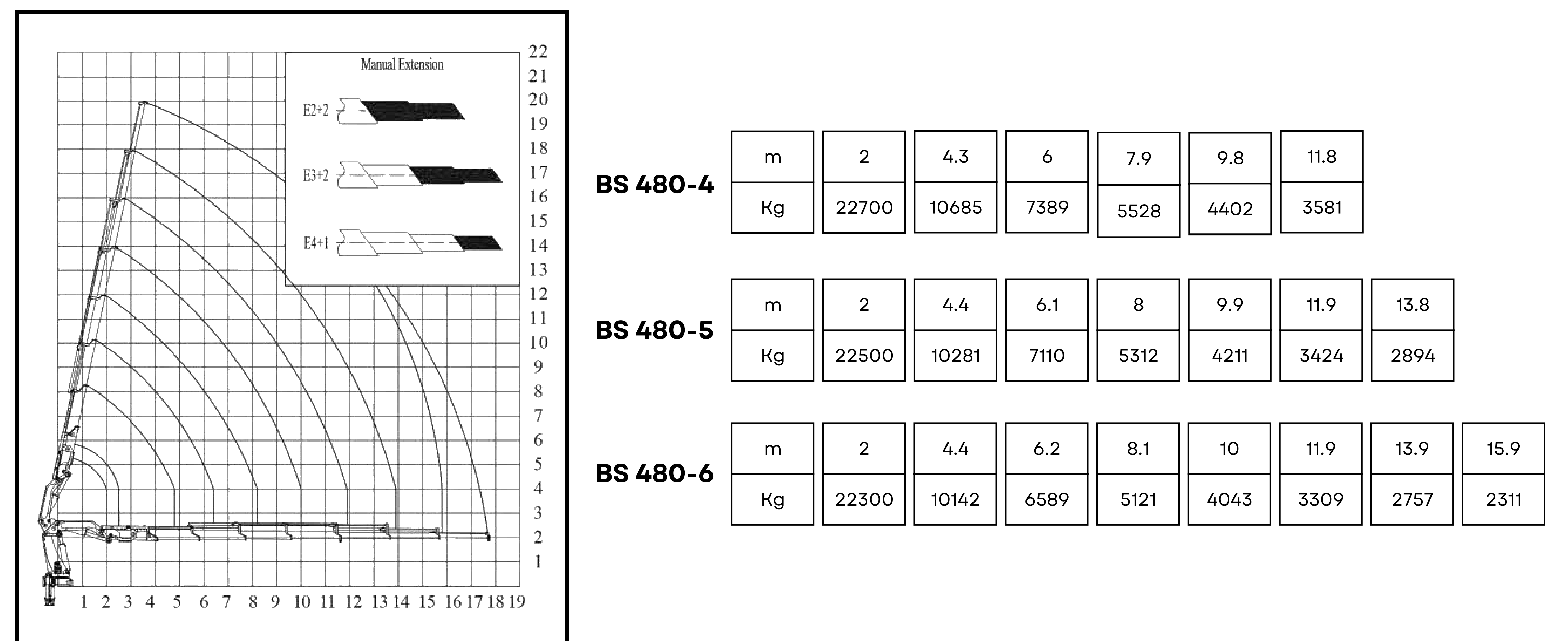


Item	Unit	BS 425 - 4	BS 425 - 5	BS 425 - 6
Lifting Capacity	tm	39.5	39	38.5
Outreach	m	12	14	16
Slewing Angle	°	385	385	385
Stabilizer Spread	mm	7920	7920	7920
Working Pressure	bar	330	330	330
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	200	200	200
Crane Weight with Stabilizer	kg	5150 ± 5%	5230 ± 5%	5470 ± 5%

◆ Dimensions

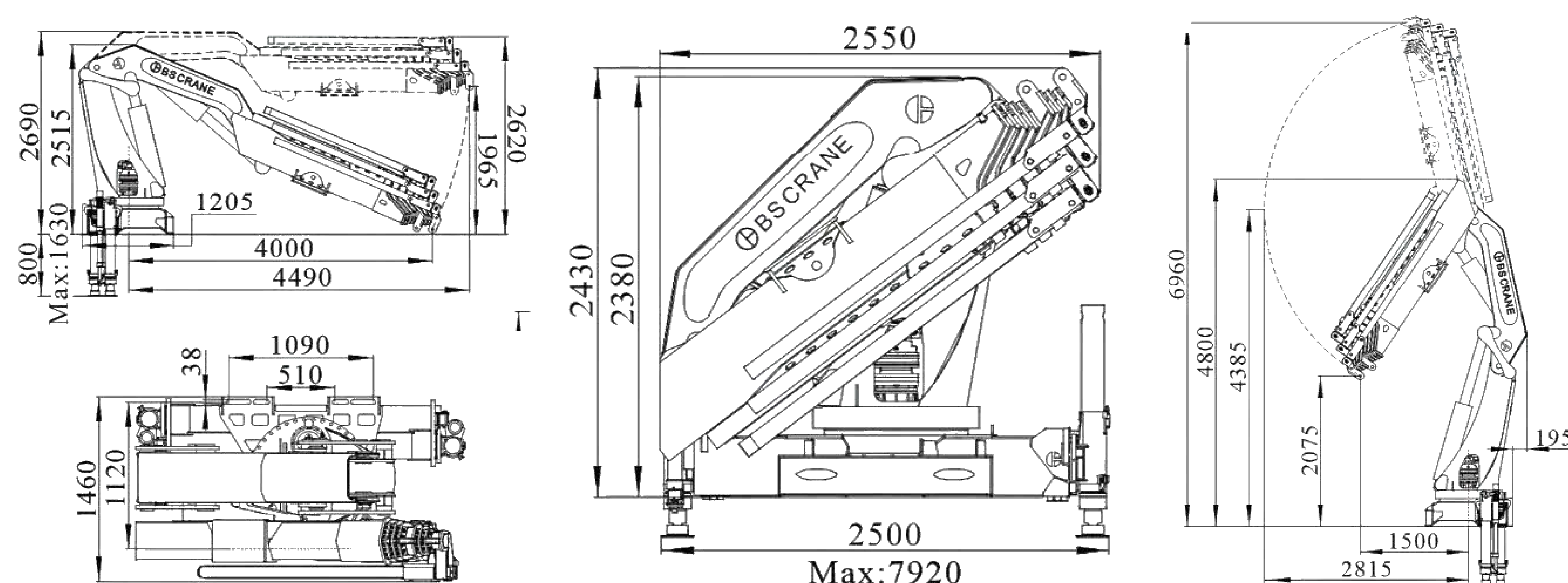


◆ Loading Chart

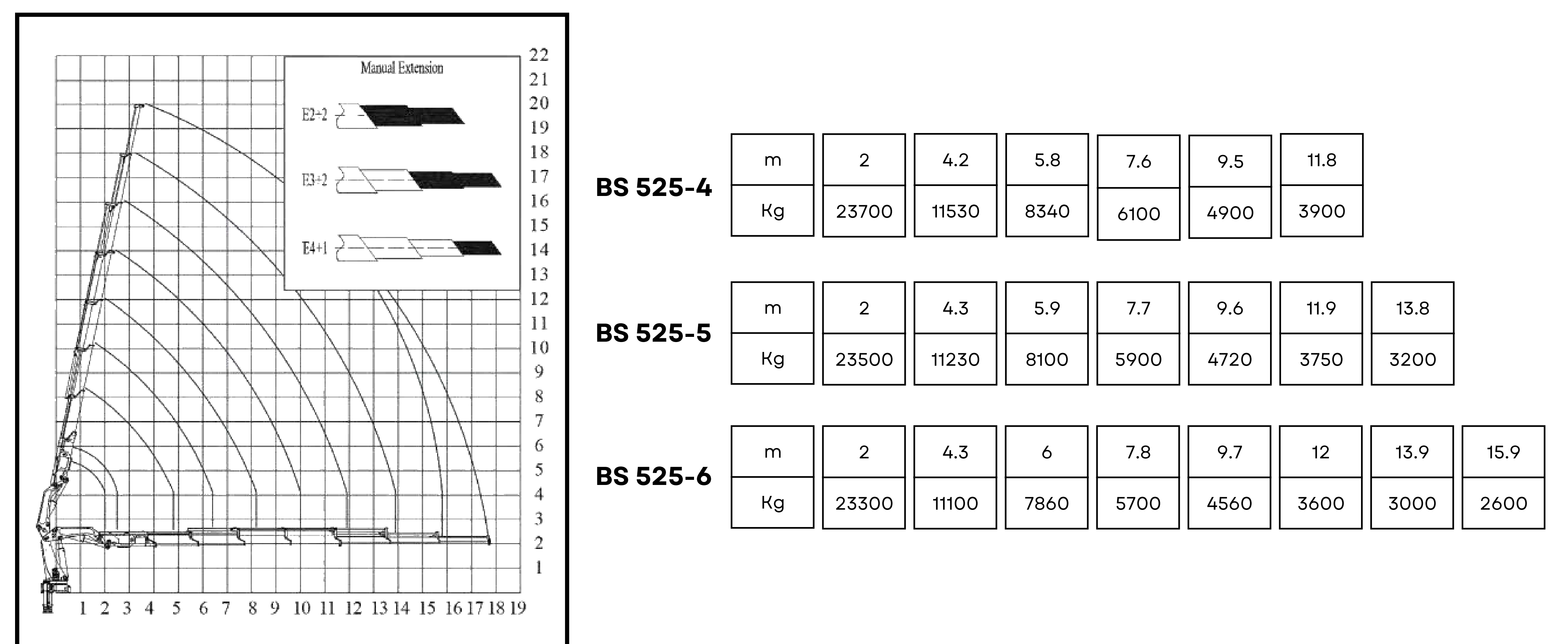


Item	Unit	BS 480 - 4	BS 480 - 5	BS 480 - 6
Lifting Capacity	tm	46	45	44
Outreach	m	11.8	13.8	15.9
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	7920	7920	7920
Working Pressure	bar	330	330	330
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	200	200	200
Crane Weight with Stabilizer	kg	5350 ± 5%	5530 ± 5%	5660 ± 5%

◆ Dimensions

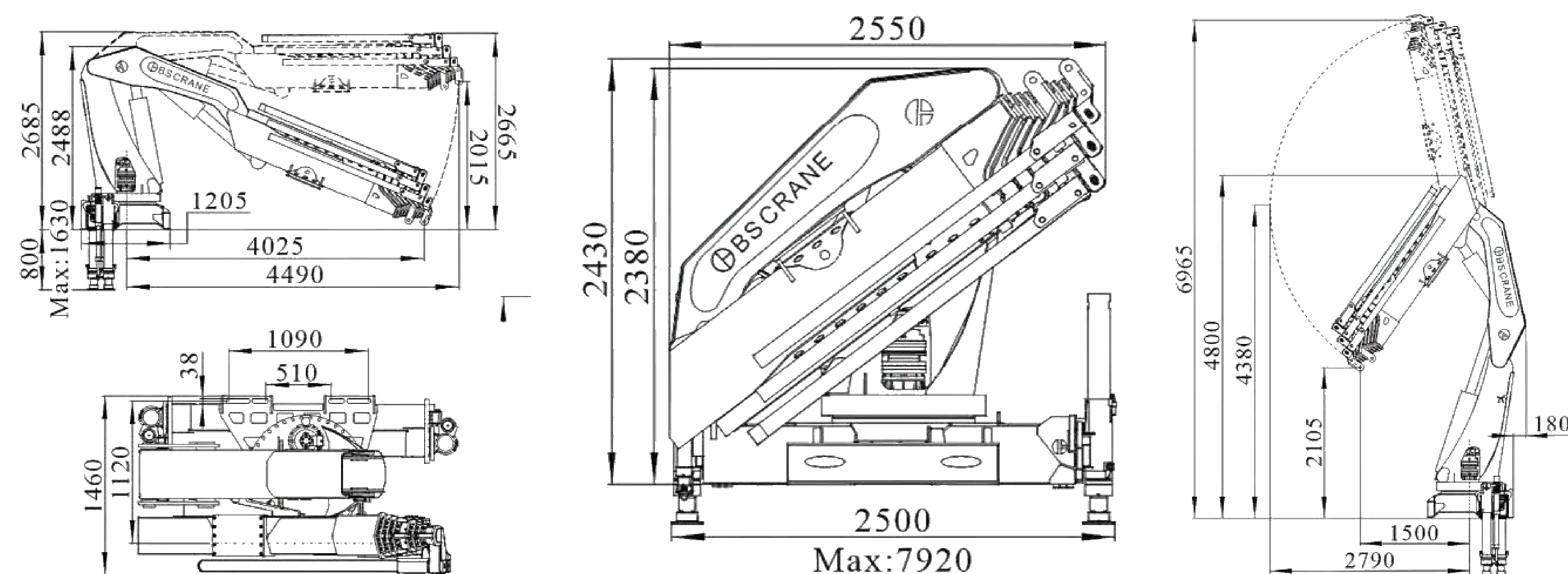


◆ Loading Chart

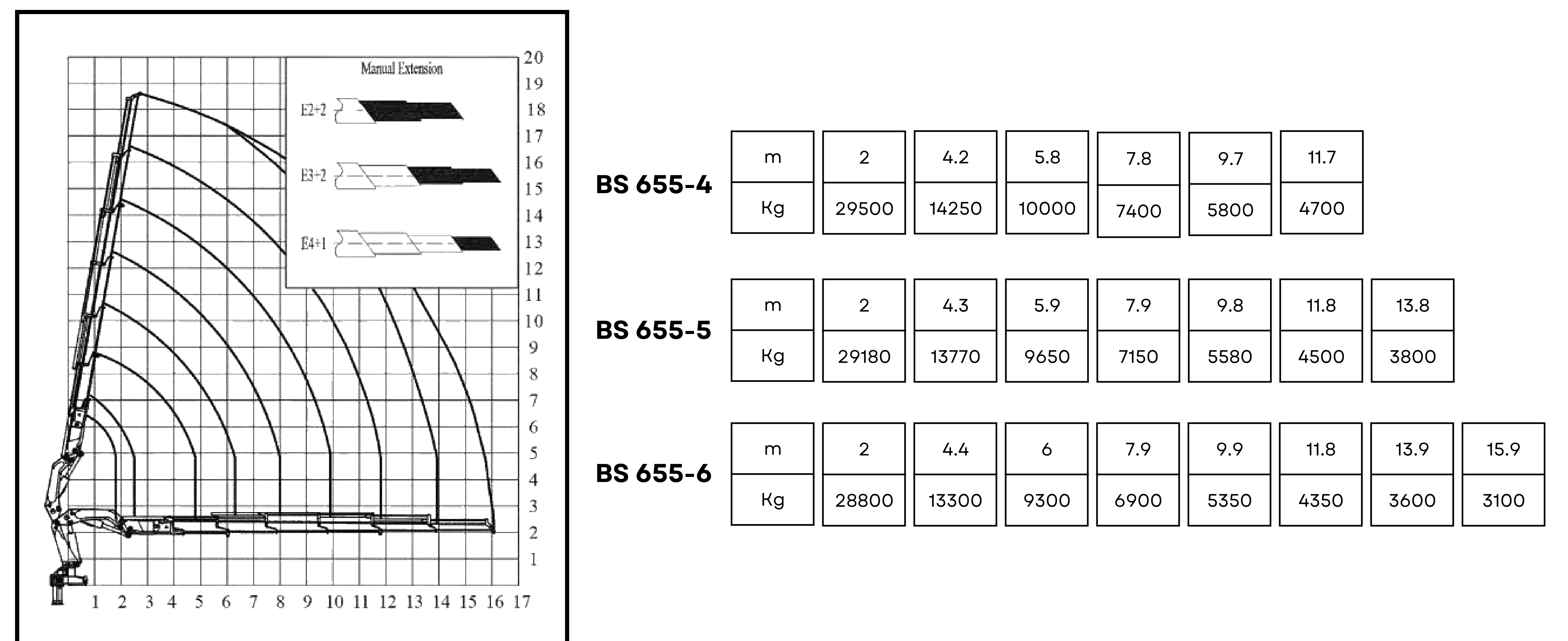


Item	Unit	BS 525 - 4	BS 525 - 5	BS 525 - 6
Lifting Capacity	tm	49	48	47
Outreach	m	11.8	13.8	15.9
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	7920	7920	7920
Working Pressure	bar	330	330	330
Pump Capacity	cc/r	40~80	40~80	40~80
Oil Tank Capacity	L	200	200	200
Crane Weight with Stabilizer	kg	5340 ± 5%	5500 ± 5%	5640 ± 5%

◆ Dimensions

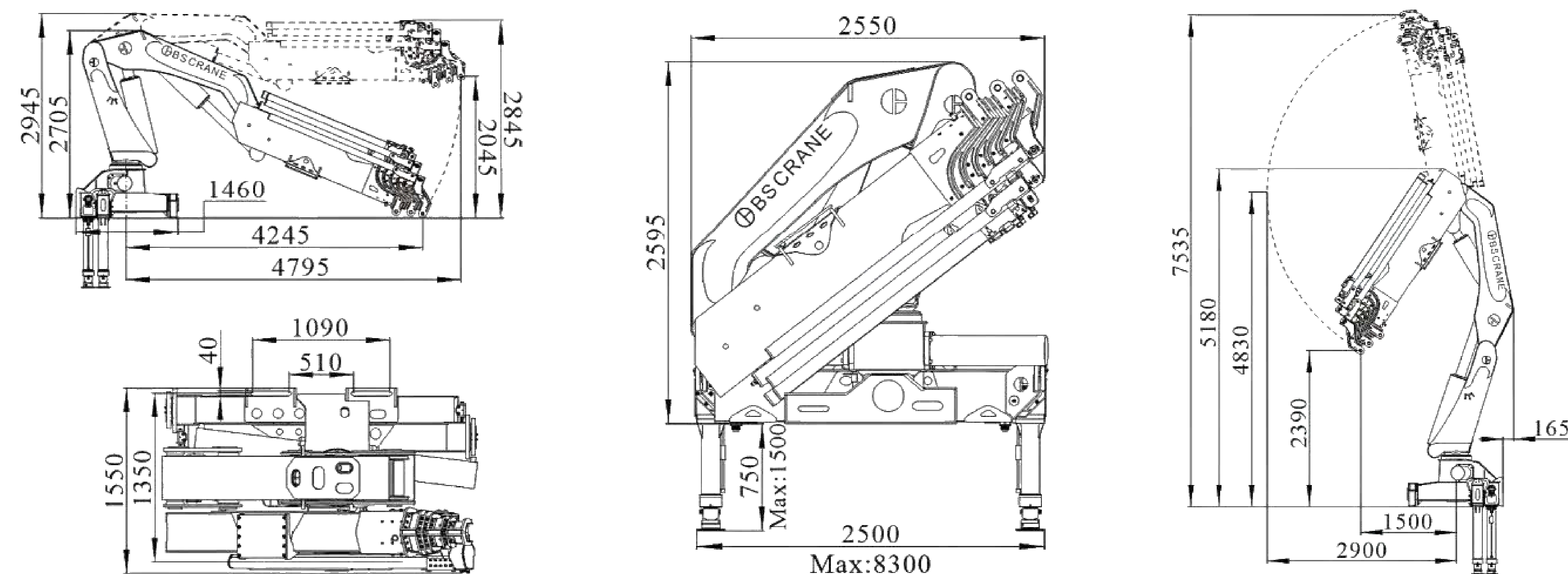


◆ Loading Chart

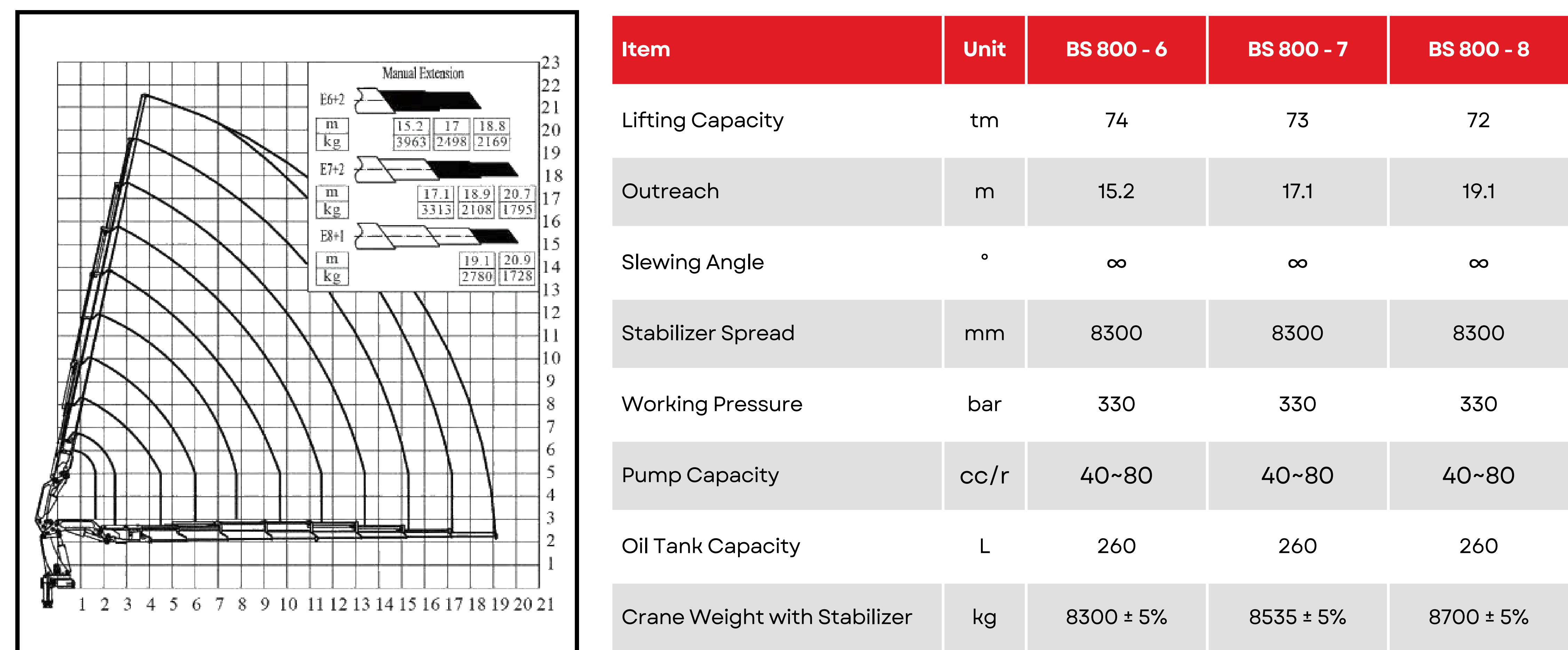


Item	Unit	BS 655 - 4	BS 655 - 5	BS 655 - 6
Lifting Capacity	tm	60	59	58
Outreach	m	11.7	13.8	15.9
Slewing Angle	°	365	365	365
Stabilizer Spread	mm	8300	8300	8300
Working Pressure	bar	340	340	340
Pump Capacity	cc/r	60~80	60~80	60~80
Oil Tank Capacity	L	250	250	250
Crane Weight with Stabilizer	kg	6690 ± 5%	6940 ± 5%	7160 ± 5%

◆ Dimensions



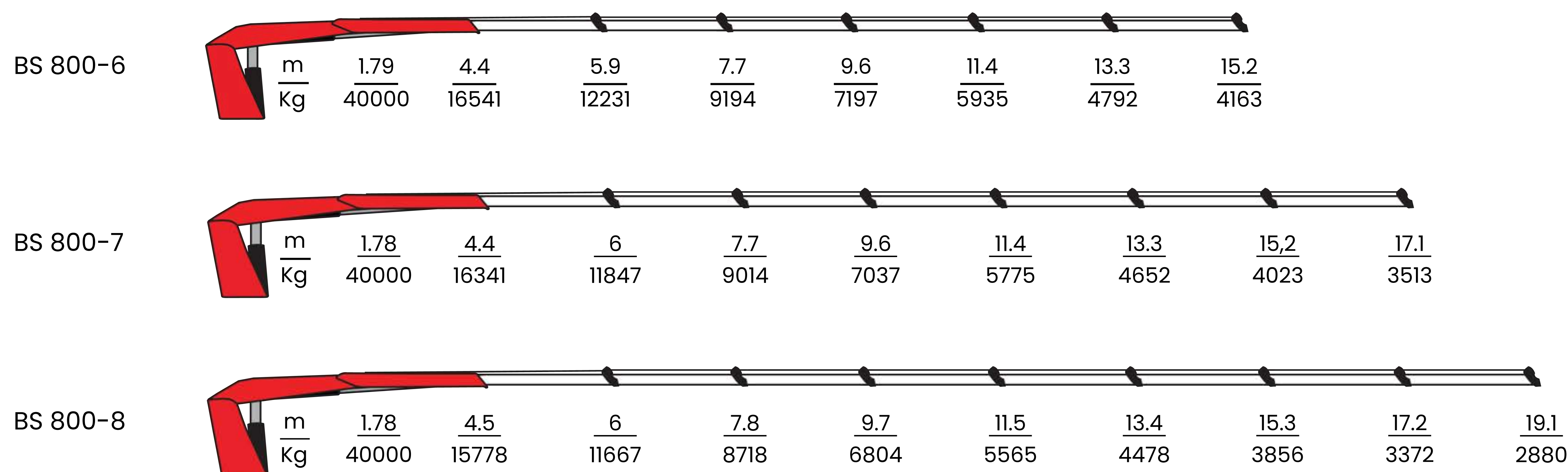
◆ Loading Chart



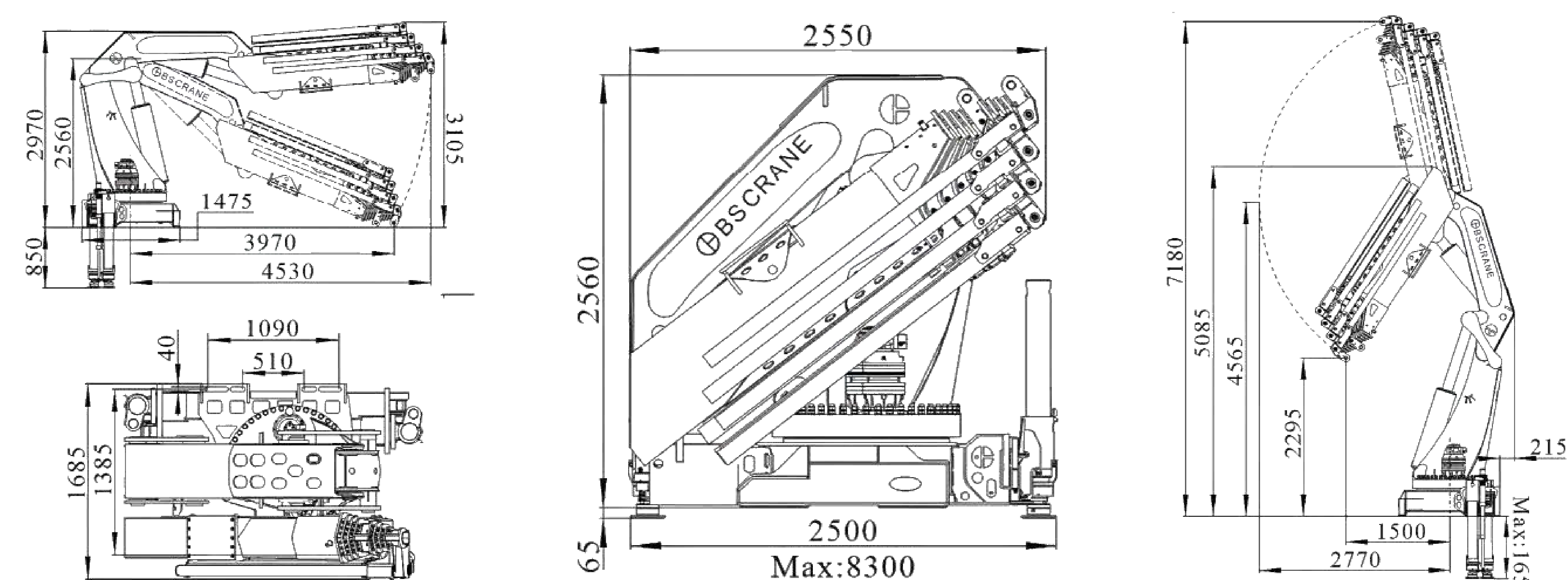
BS 800 - 6

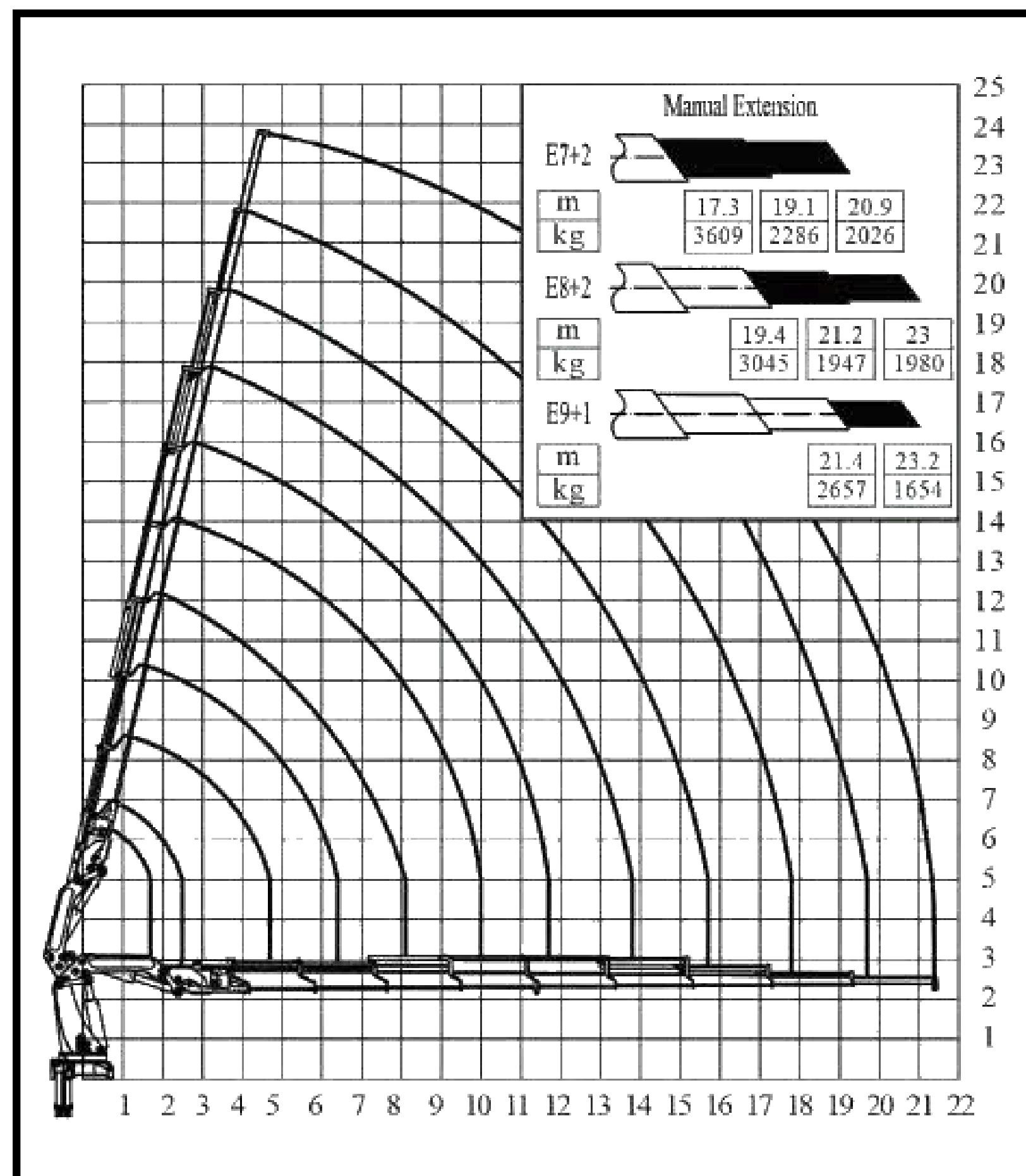
BS 800 - 7

BS 800 - 8



◆ Dimensions





Item	Unit	BS 900 - 7	BS 900 - 8	BS 900 - 9
Lifting Capacity	tm	81	80	79
Outreach	m	17.7	19.7	21.4
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	8300	8300	8300
Working Pressure	bar	335	335	335
Pump Capacity	cc/r	60~100	60~100	60~100
Oil Tank Capacity	L	350	350	350
Crane Weight with Stabilizer	kg	9520 ± 5%	9750 ± 5%	9950 ± 5%

BS 900-7

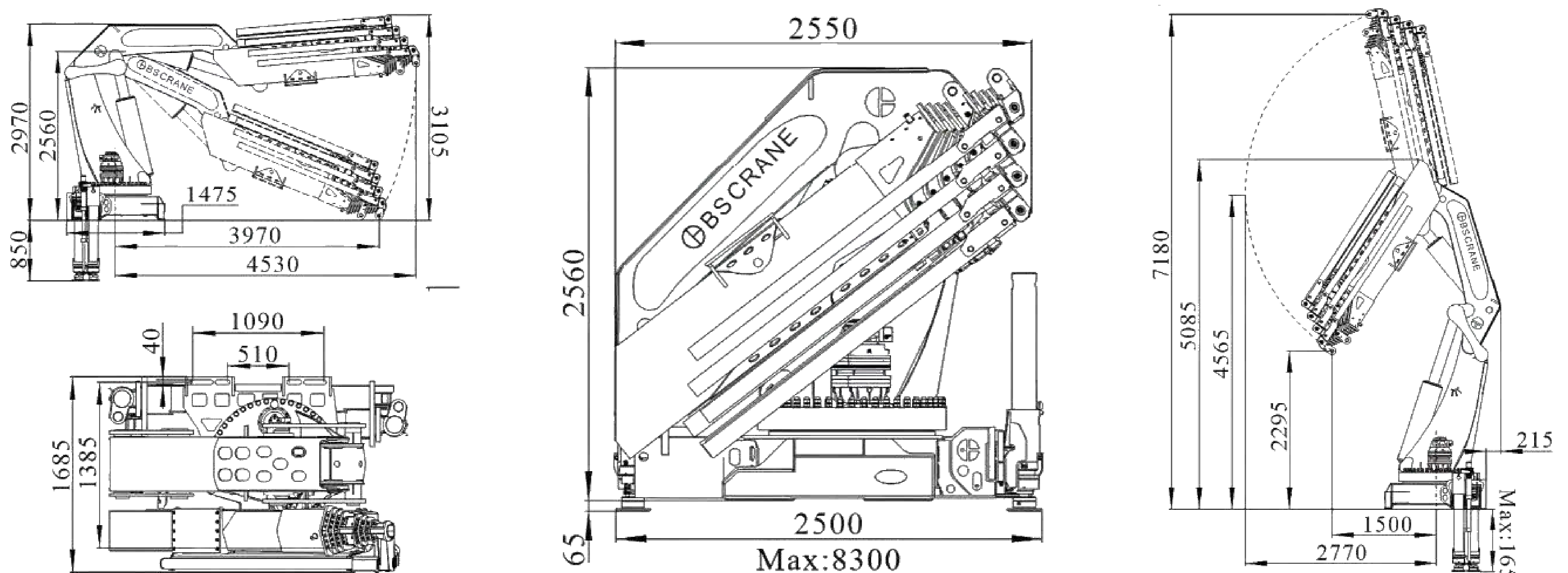
m	1.72	4.5	6.2	7.9	9.8	11.5	13.6	15.5	17.3
Kg	46400	17726	12606	9587	7651	6217	5042	4327	3809

BS 900-8

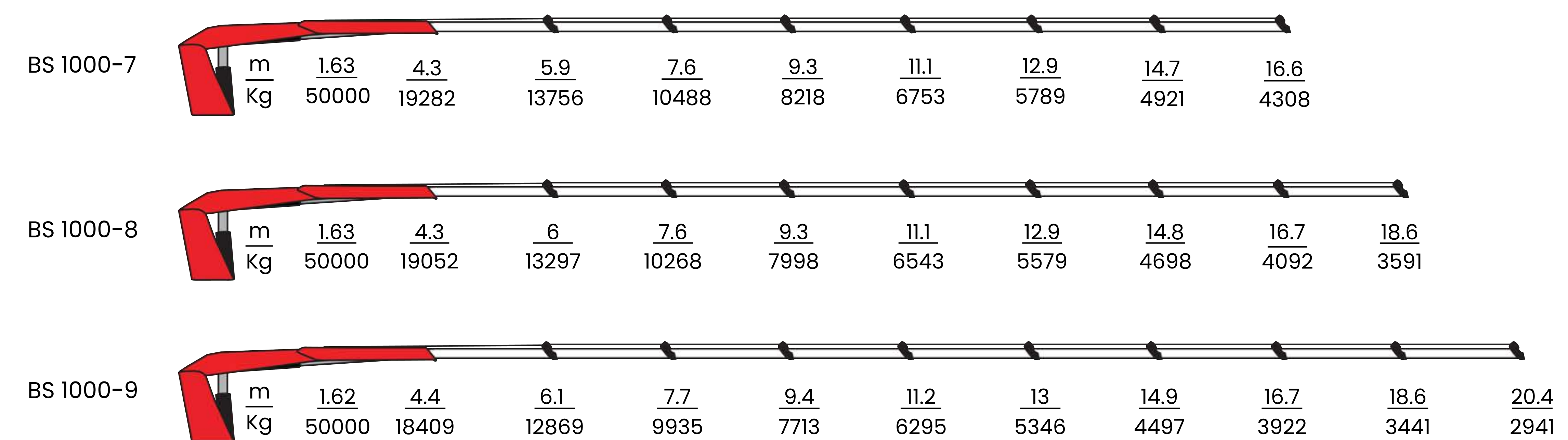
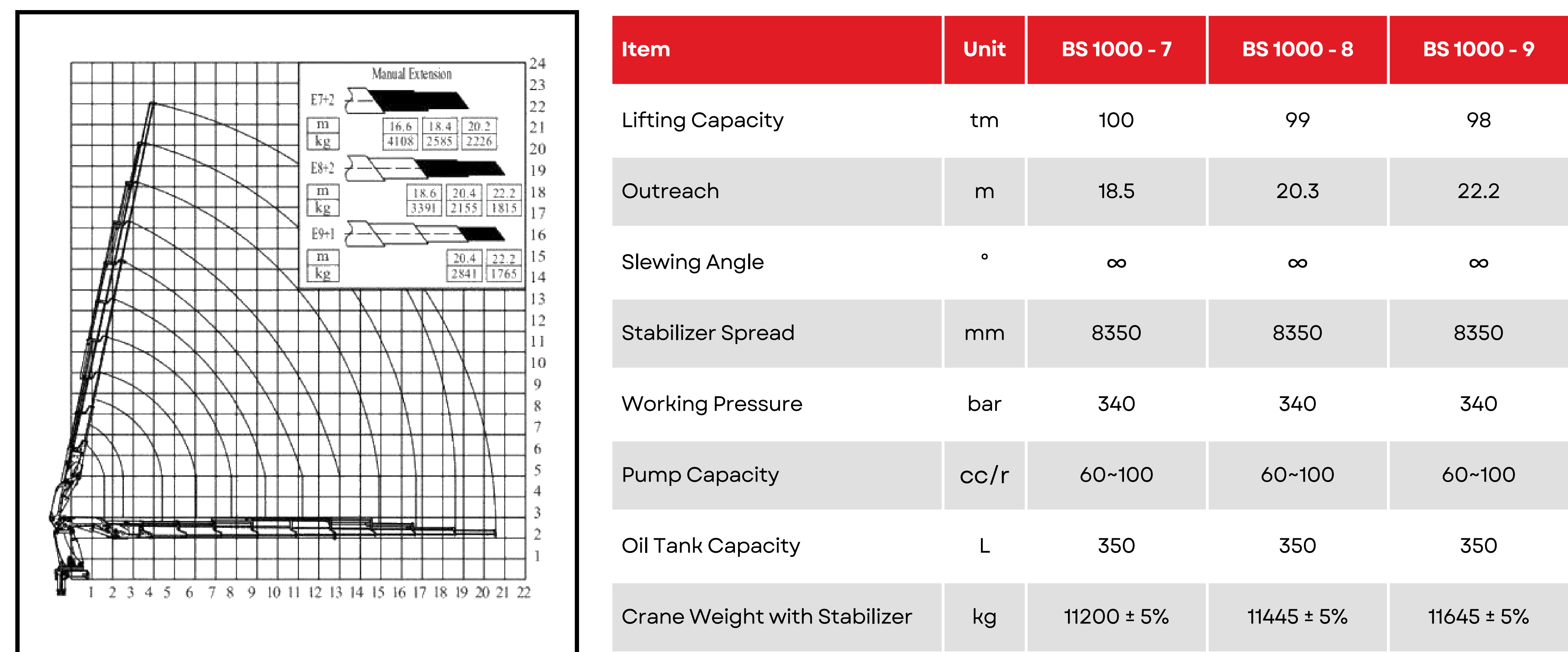
m	1.71	4.6	6.3	8	9.9	11.6	13.7	15.6	17.	19.4
Kg	46400	17140	12226	928	7414	6003	4865	4159	3603	3246

BS 900-9

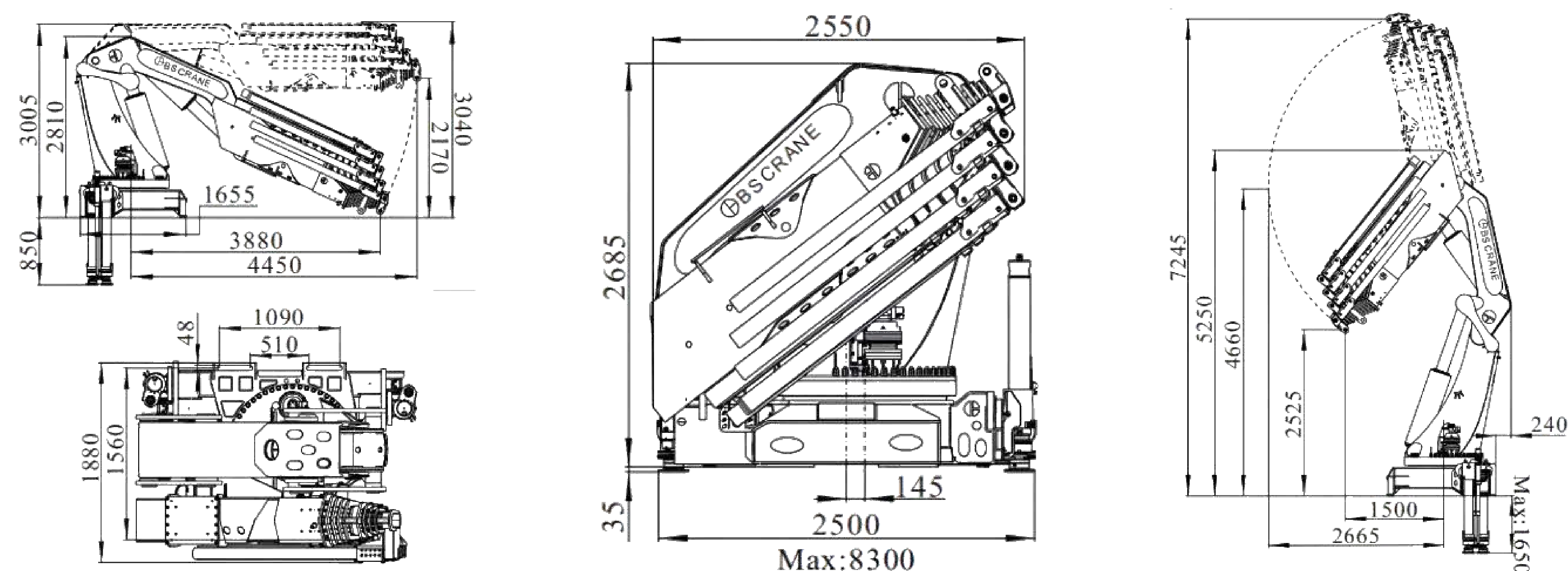
m	1.7	4.7	6.4	8.	10	11.7	13.8	15.7	17.8	19.7	21.4
Kg	46400	16596	11875	9012	7200	5812	4710	4013	3483	3096	2757



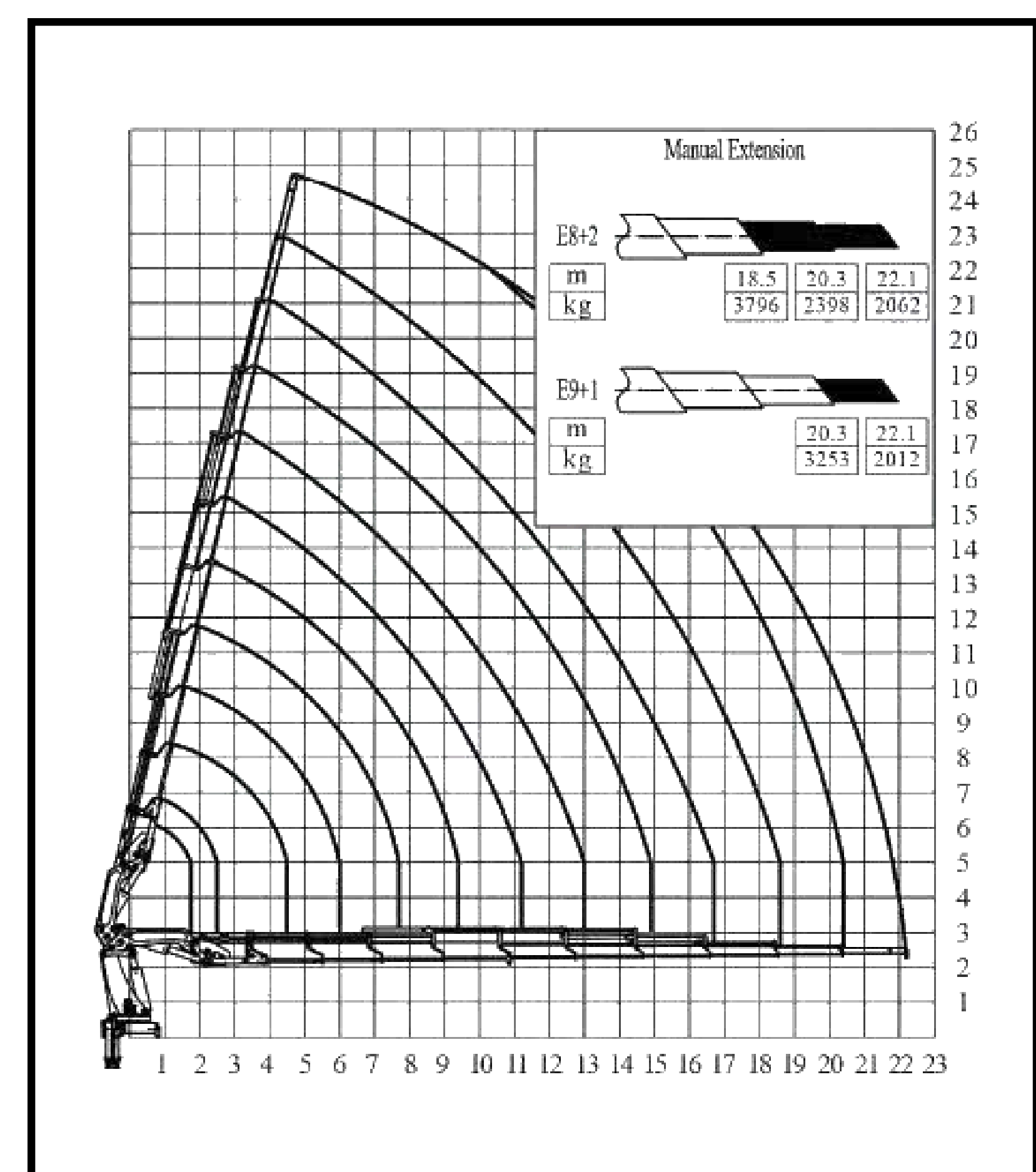
◆ Loading Chart



◆ Dimensions

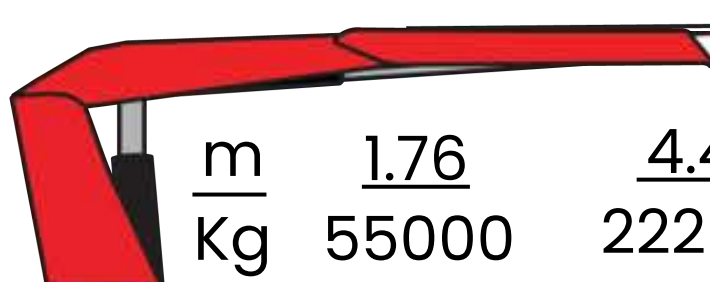


◆ Loading Chart



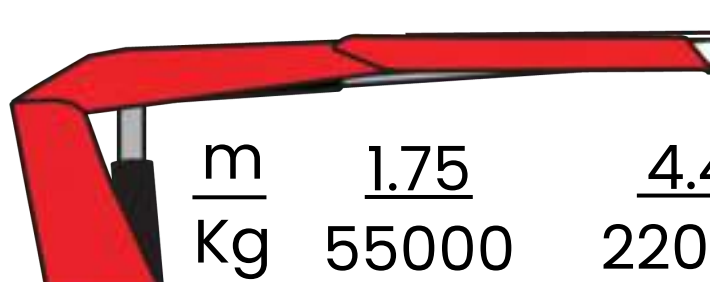
Item	Unit	BS 1200 - 8	BS 1200 - 9	BS 1200 - 10
Lifting Capacity	tm	100	99	98
Outreach	m	18.5	20.3	22.2
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	8350	8350	8350
Working Pressure	bar	340	340	340
Pump Capacity	cc/r	60~100	60~100	60~100
Oil Tank Capacity	L	350	350	350
Crane Weight with Stabilizer	kg	11200 ± 5%	11445 ± 5%	11645 ± 5%

BS 1200-8



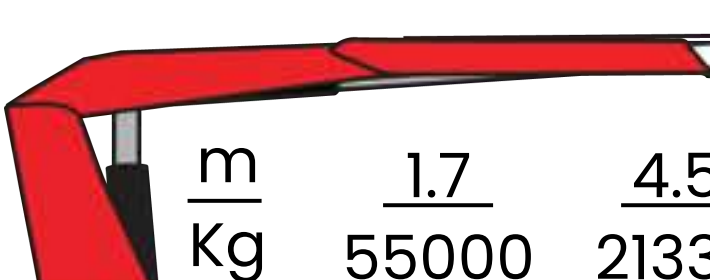
m	1.76	4.4	5.9	7.5	9.3	11.1	12.9	14.7	16.6	18.5
Kg	55000	22263	15702	11895	9132	7249	6138	5262	5479	3996

BS 1200-9



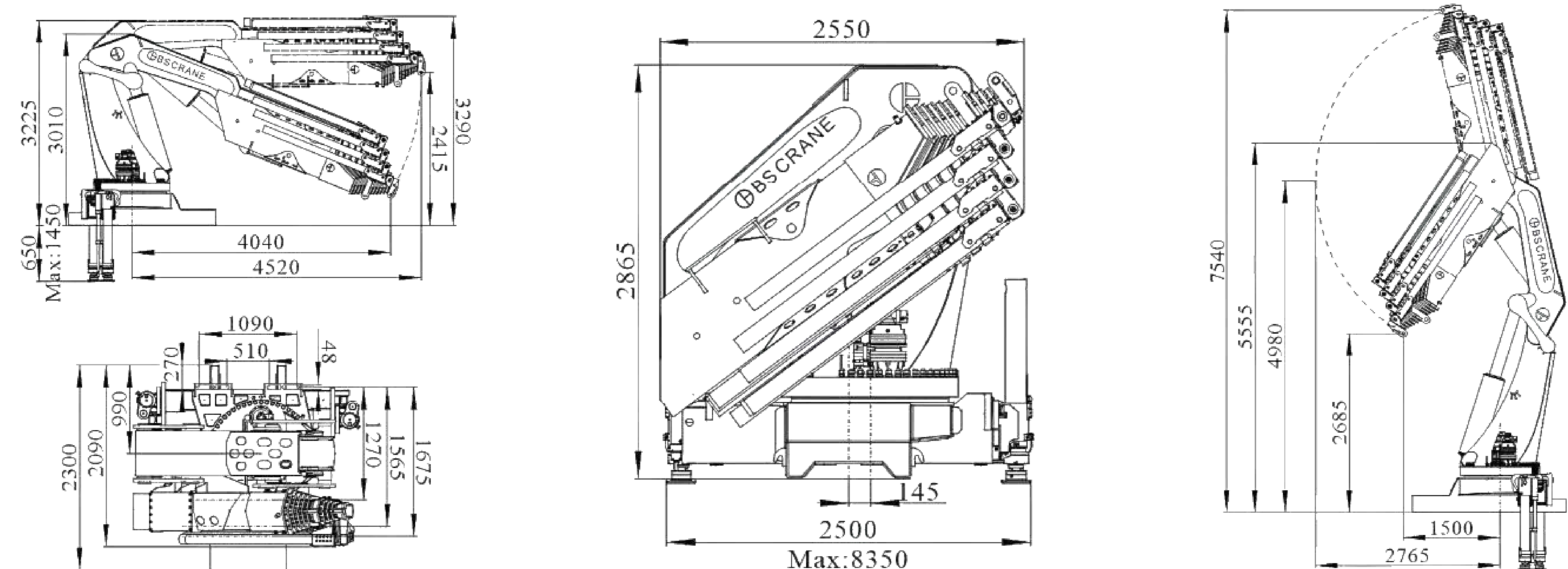
m	1.75	4.4	6	7.6	9.3	11.1	12.9	14.8	16.7	18.5	20.3
Kg	55000	22033	15210	11518	8912	7039	5928	5036	4362	3826	3353

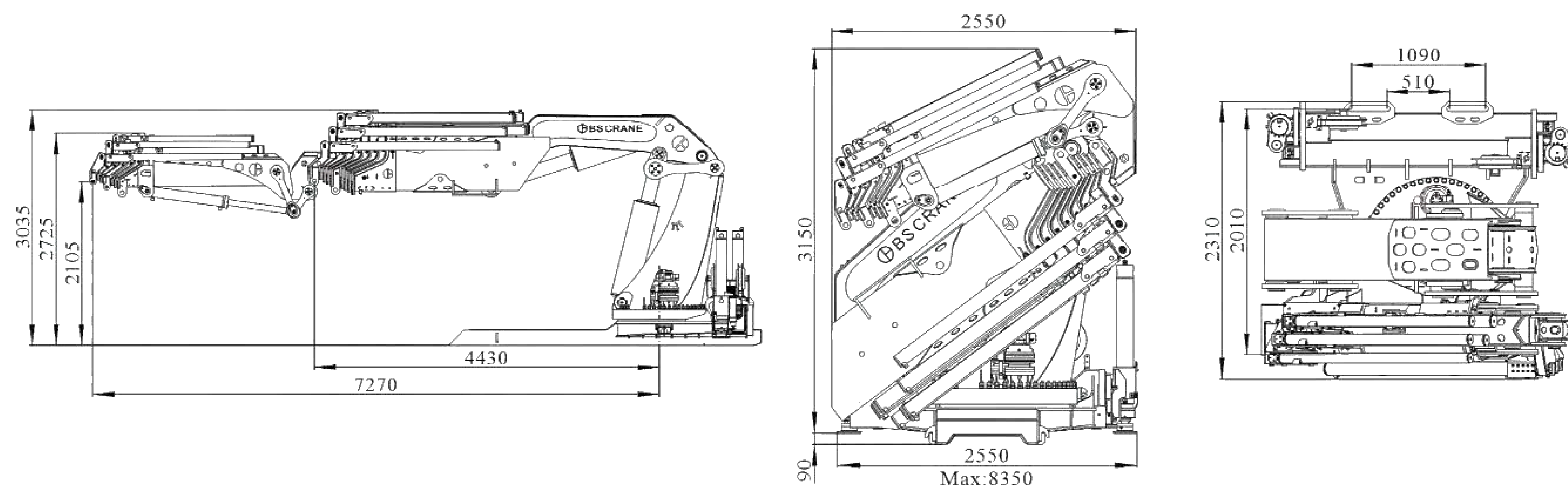
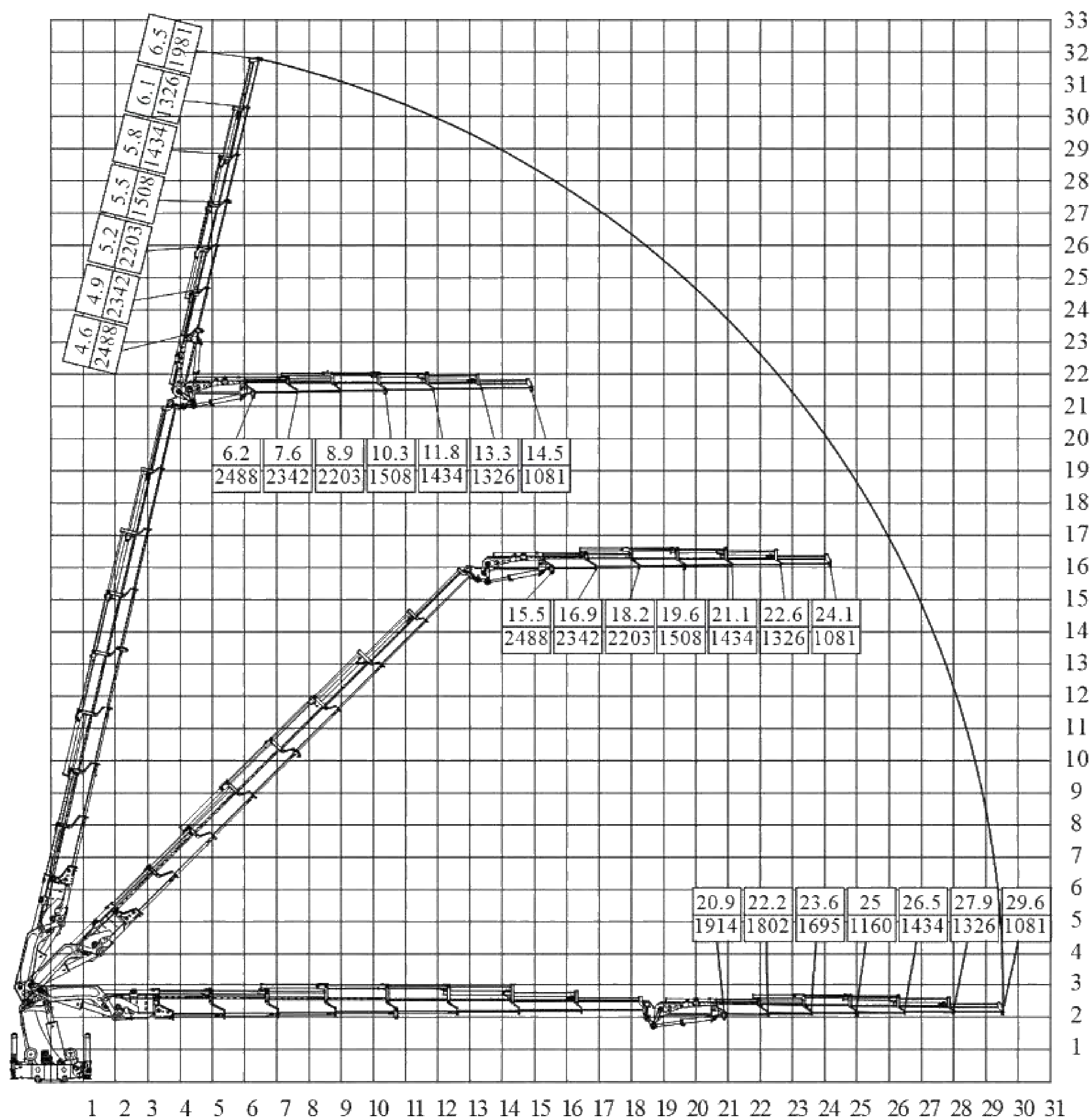
BS 1200-10



m	1.7	4.5	6	7.7	9.4	11.2	13	14.9	16.7	18.6	20.4	22.2
Kg	55000	21333	15000	11169	8617	6786	5692	4832	4192	3656	3186	2838

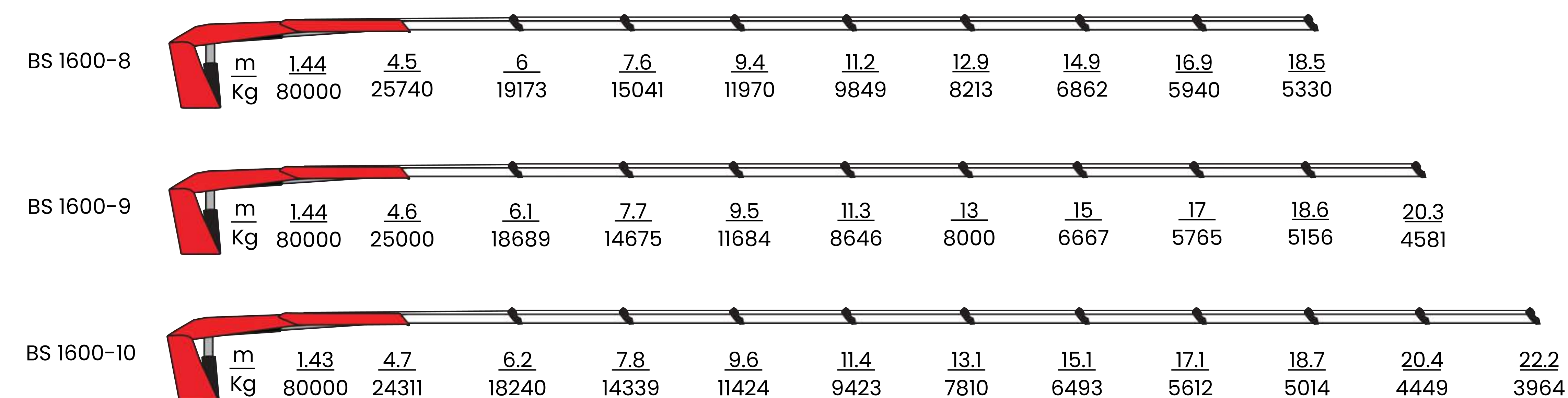
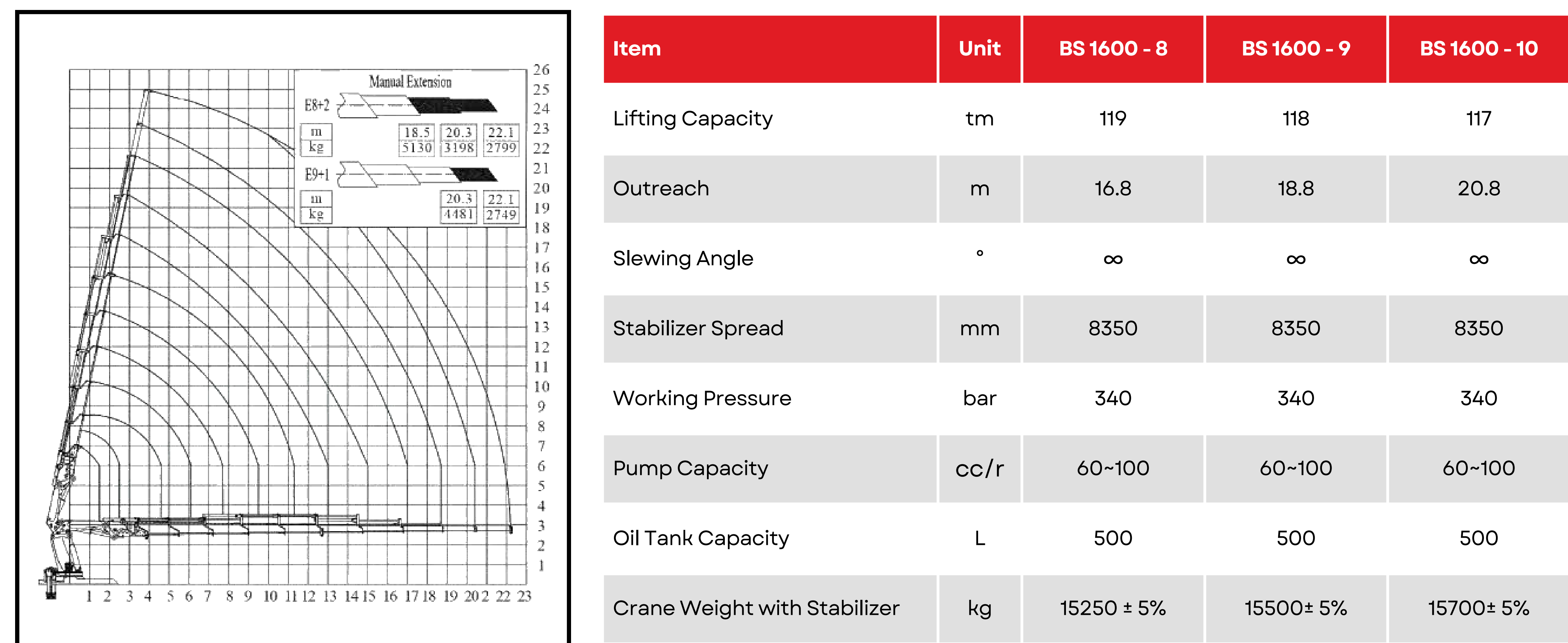
◆ Dimensions



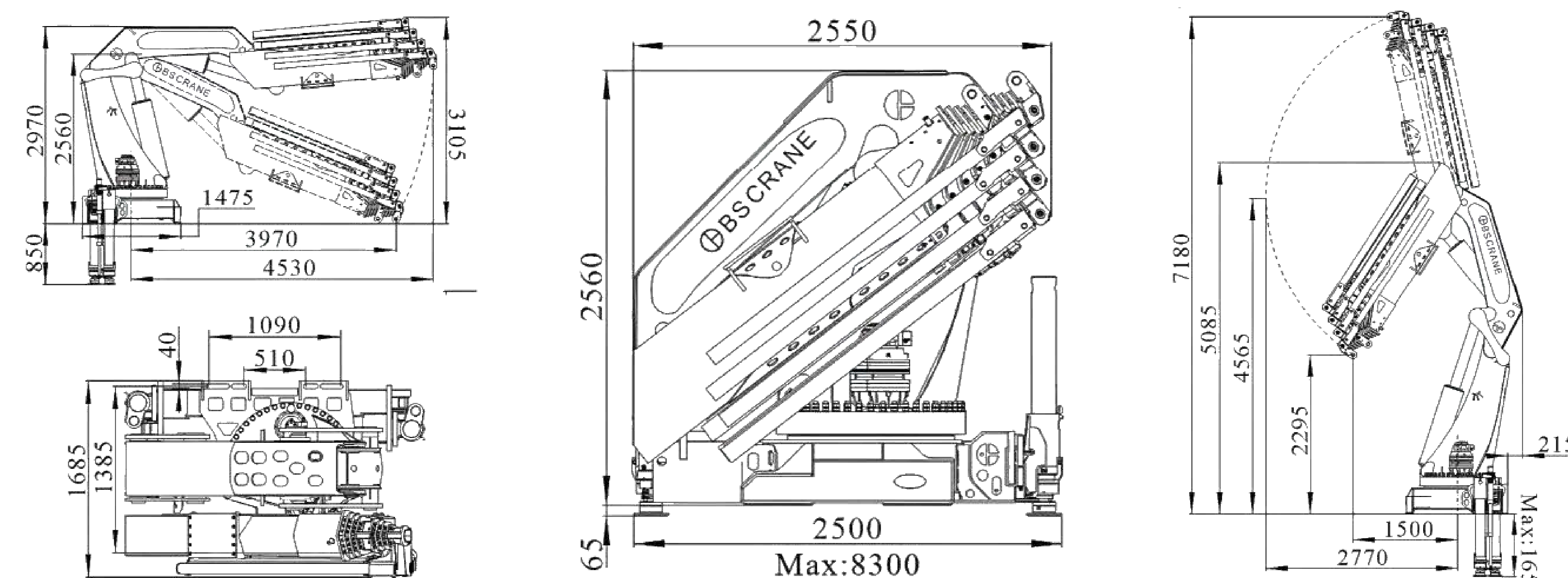


Item	Unit	BS 1200-8 + Jip 6
Lifting Capacity	tm	100
Outreach	m	29.6
Slewing Angle	°	∞
Stabilizer Spread	mm	8350
Working Pressure	bar	340
Pump Capacity	cc/r	60~100
Oil Tank Capacity	L	350
Crane Weight with Stabilizer	kg	12800 ± 5%

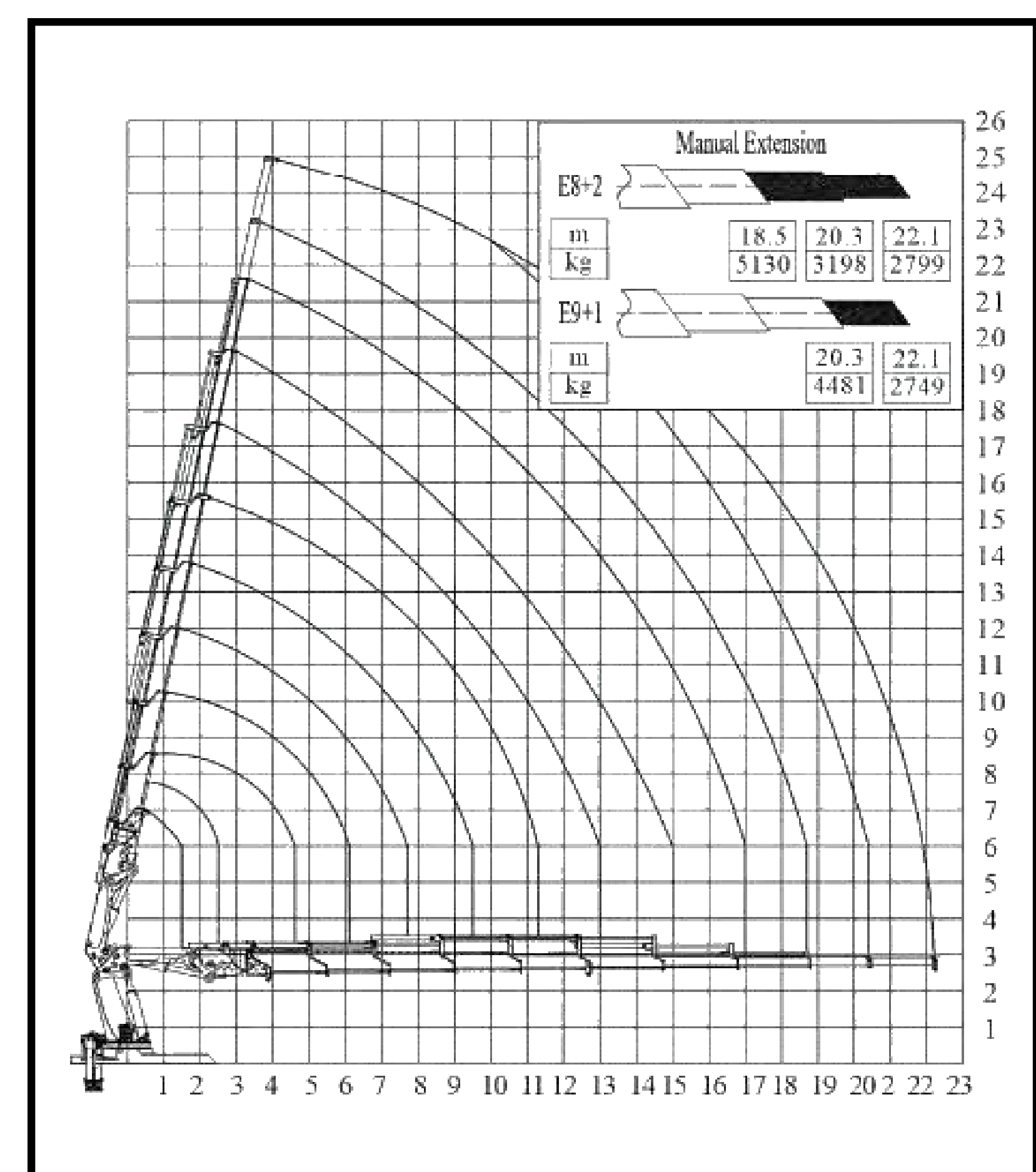
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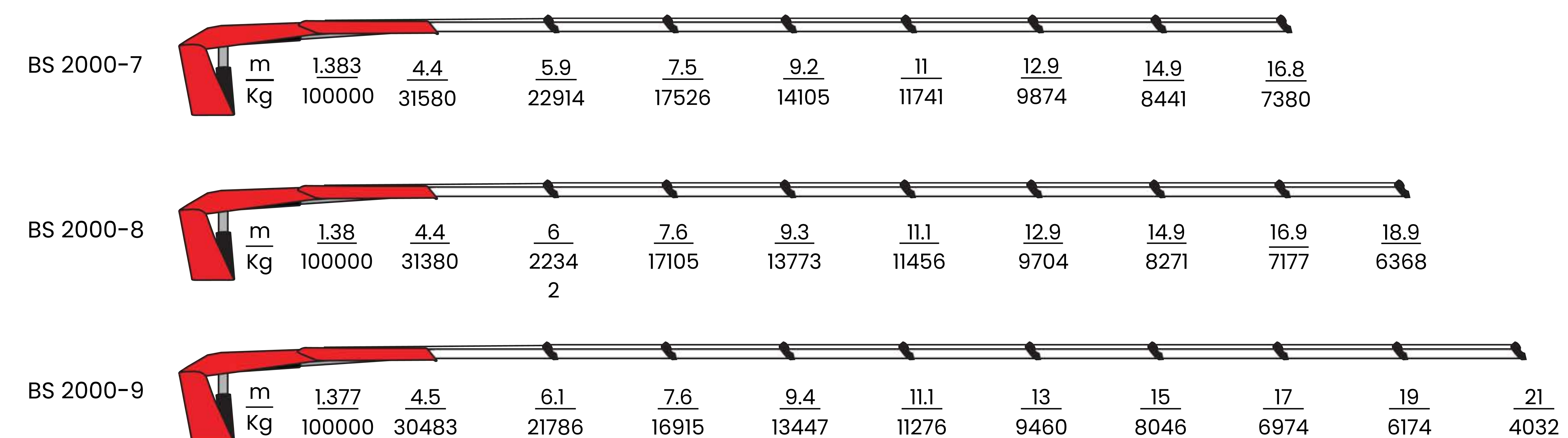
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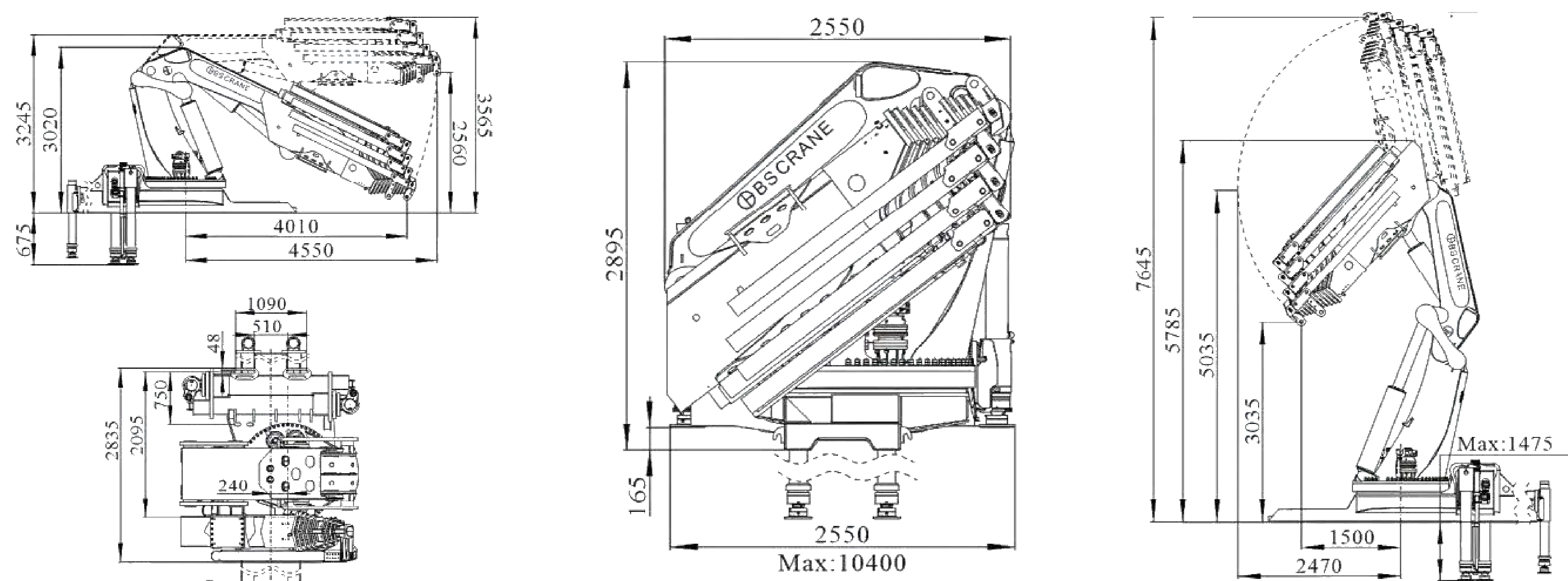
◆ Loading Chart



Item	Unit	BS 2000 - 7	BS 2000 - 8	BS 2000 - 9
Lifting Capacity	tm	141	140	139
Outreach	m	16.8	18.9	21
Slewing Angle	°	∞	∞	∞
Stabilizer Spread	mm	10400	10400	10400
Working Pressure	bar	340	340	340
Pump Capacity	cc/r	60~100	60~100	60~100
Oil Tank Capacity	L	650	650	650
Crane Weight with Stabilizer	kg	19880 ± 5%	20200 ± 5%	20485 ± 5%



◆ Dimensions



HIGH PERFORMANCE CRANE

◆ **Hardcore Lifting Capability**

Designed for the most demanding heavy-lift operations, our High Performance Crane Series delivers exceptional lifting capacity ranging from 153 TM to 269 TM. Advanced engineering and powerful hydraulics ensure these cranes handle the toughest loads with confidence.

◆ **Stable and Precise Operation**

Built with reinforced structures and optimized boom geometry, these cranes maintain smooth, stable performance even under maximum load. Precision control systems enable safe, accurate handling of heavy materials in complex or constrained environments.

◆ **Exceptional Bearing Strength**

Featuring robust base designs and high-capacity slewing systems, our cranes offer superior bearing capacity to support extreme loads without compromising safety or efficiency. Every component is engineered for maximum strength and durability in the harshest working conditions.

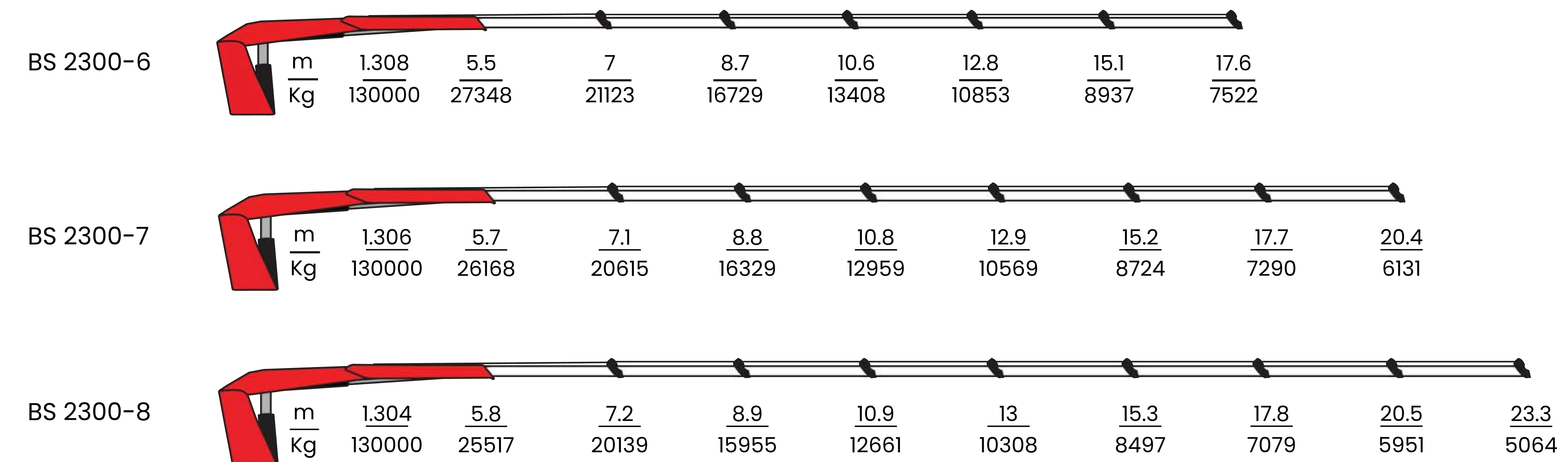
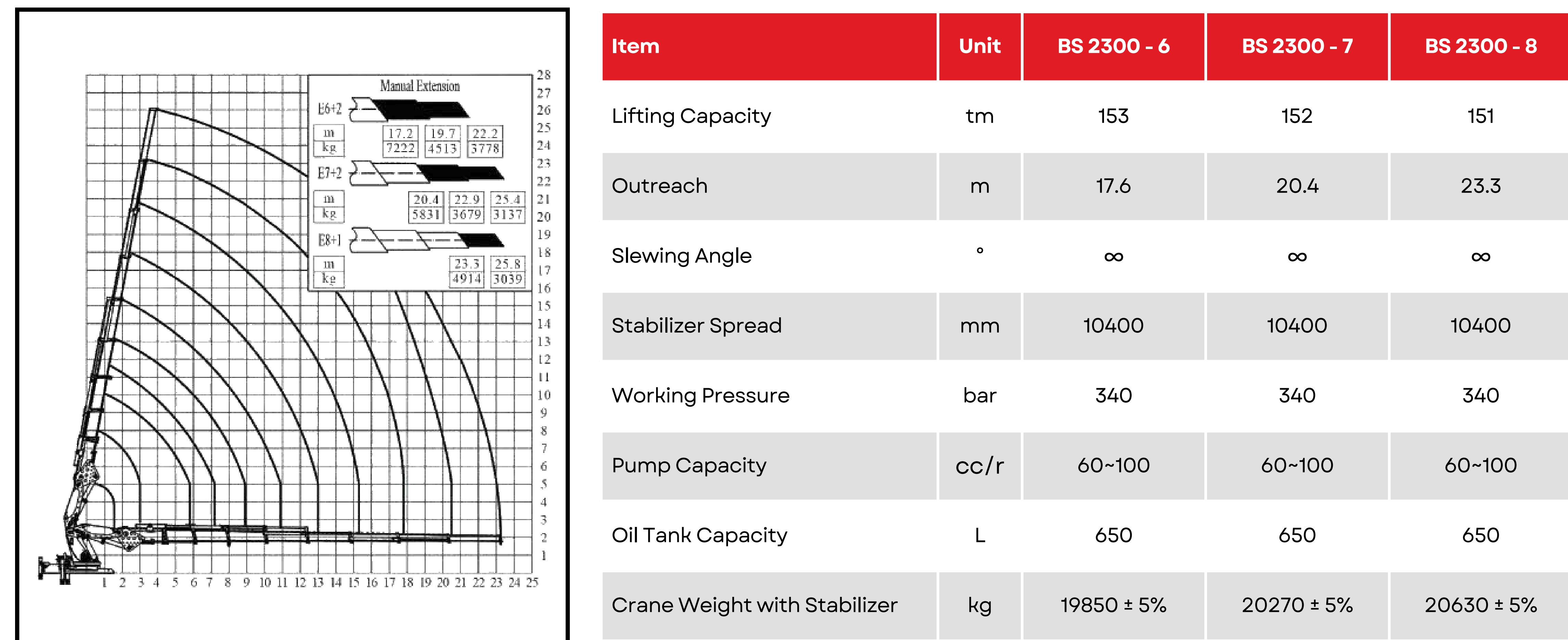
◆ **Versatile Heavy-Duty Applications**

Ideal for infrastructure projects, industrial installations, and large-scale construction, the High Performance Crane Series is built to meet diverse lifting needs. Its combination of power, stability, and reliability makes it the trusted choice for professional operators tackling the heaviest jobs.

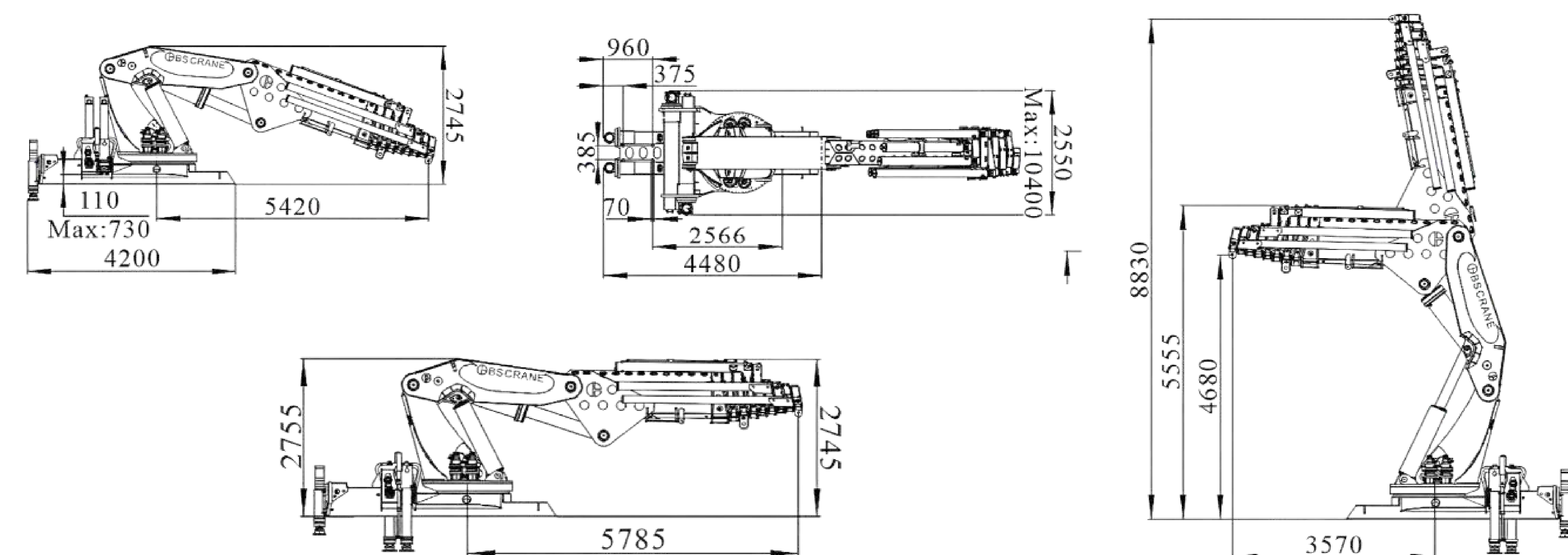
The product is continuously updated and the parameters are adjusted without prior notice!



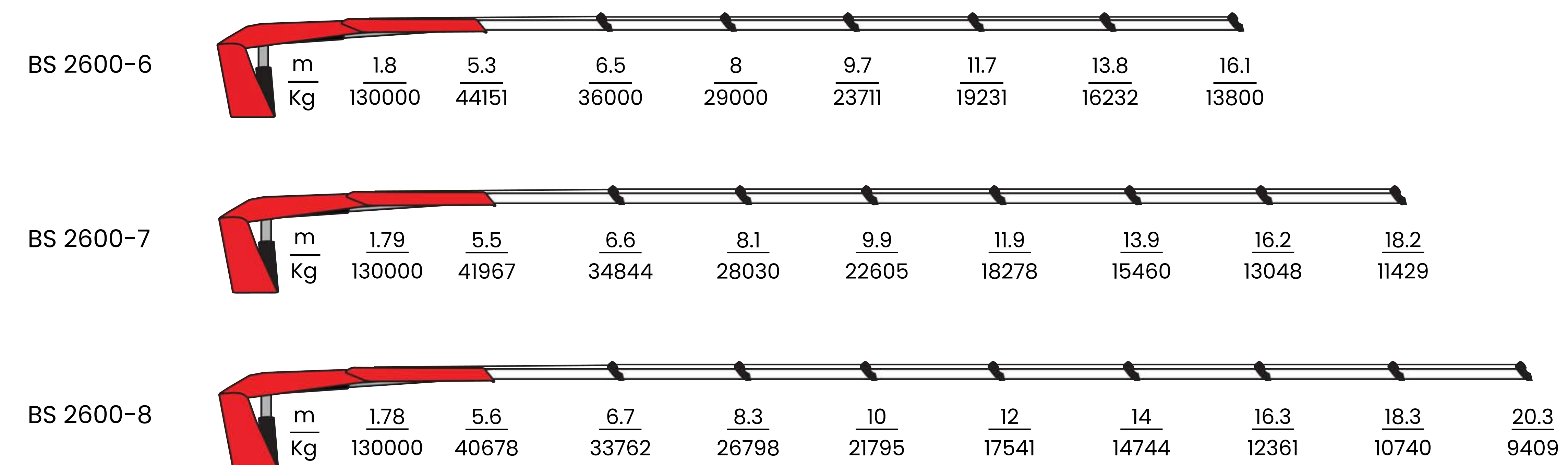
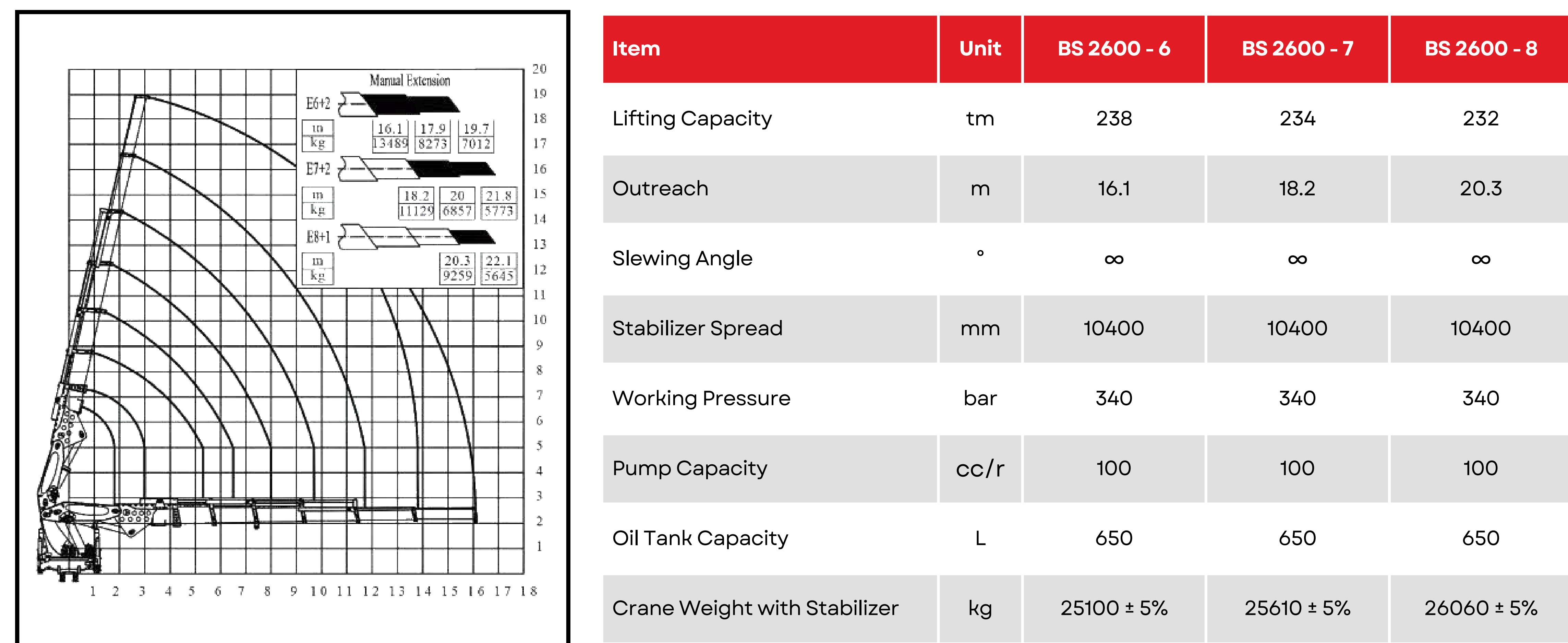
◆ Loading Chart



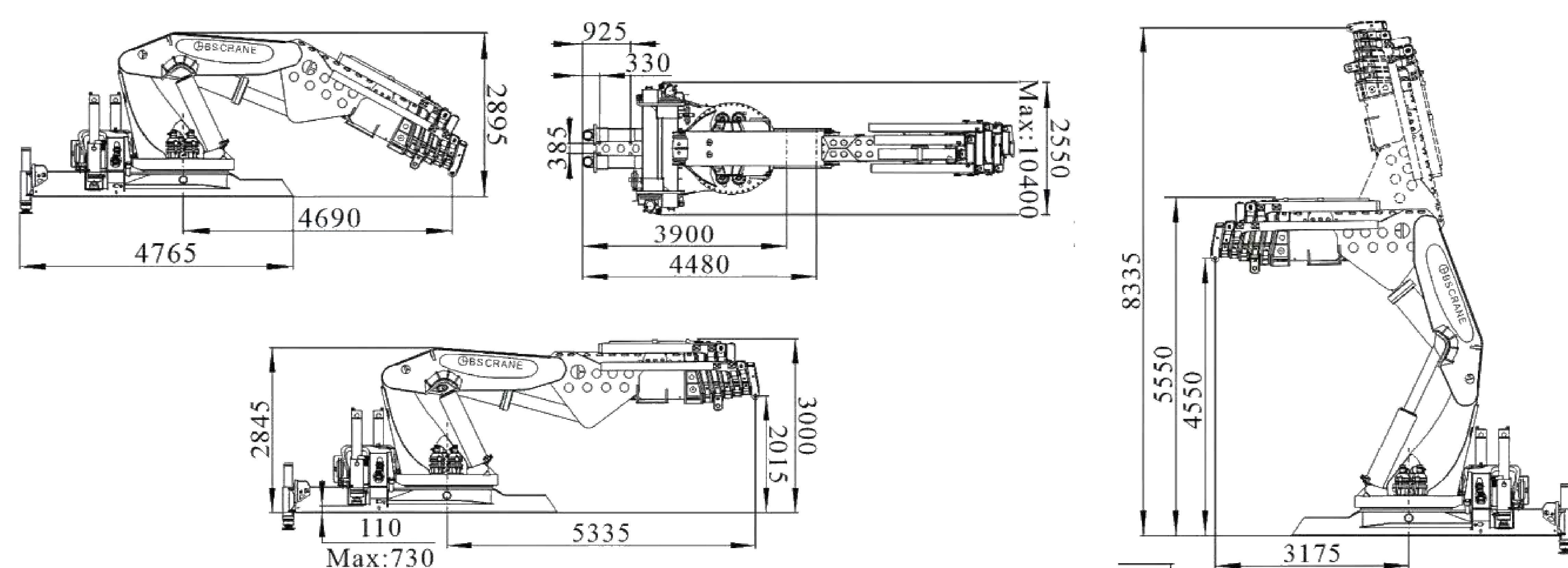
◆ Dimensions



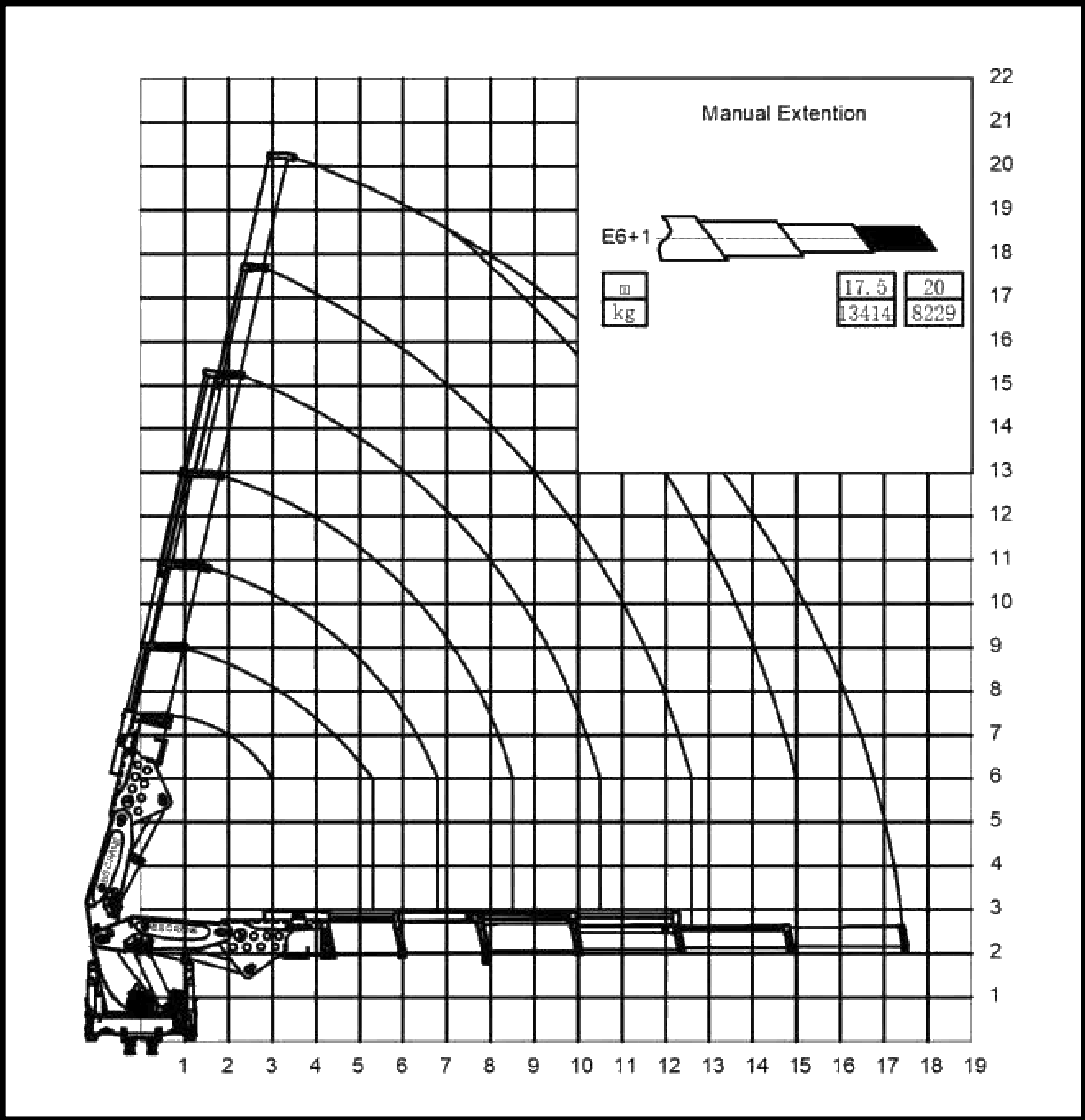
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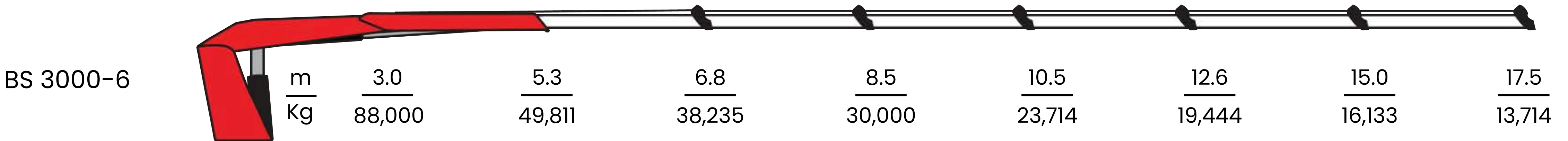
◆ Dimensions



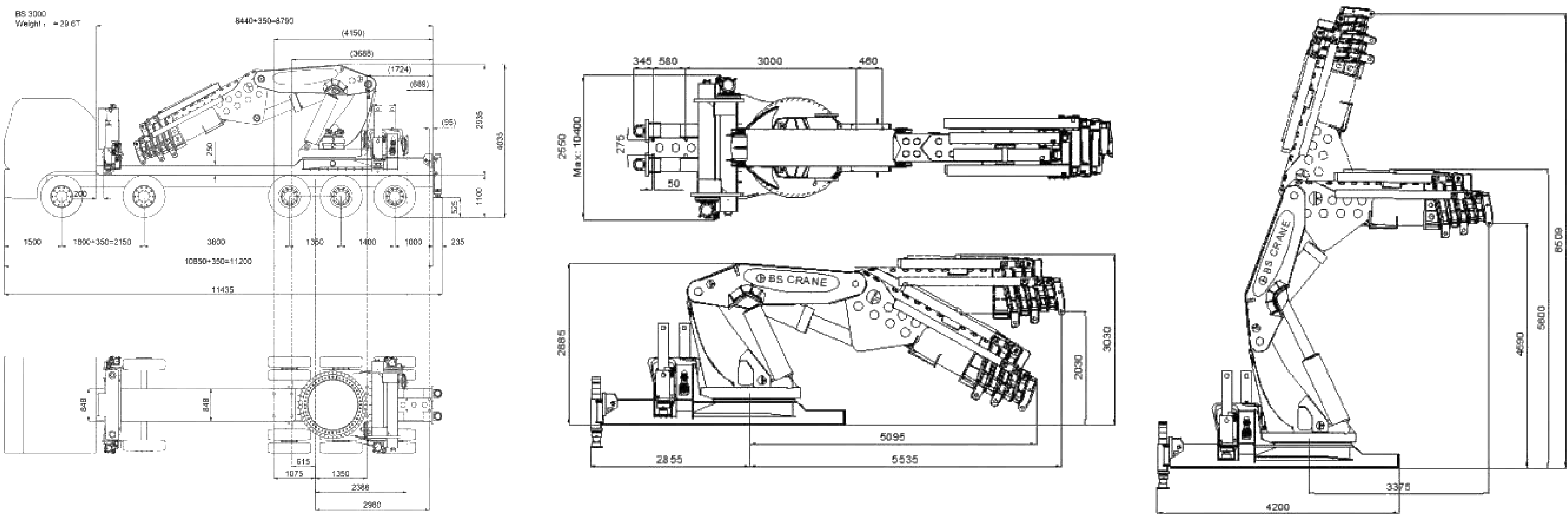
◆ Loading Chart



Item	Unit	BS 3000 - 6
Lifting Capacity	tm	269
Outreach	m	17.5
Slewing Angle	°	∞
Stabilizer Spread	mm	10400
Working Pressure	bar	340
Pump Capacity	cc/r	100
Oil Tank Capacity	L	700
Crane Weight with Stabilizer	kg	29000 ± 5%



◆ Dimensions



WORKING CONDITION





B. S. CRANE



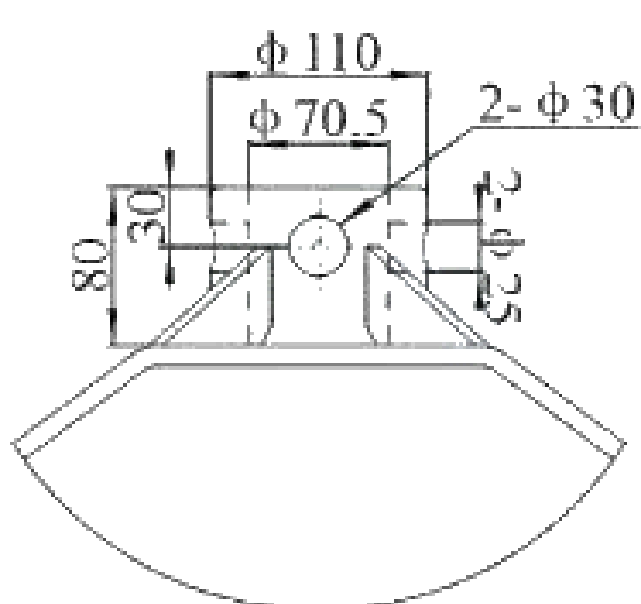
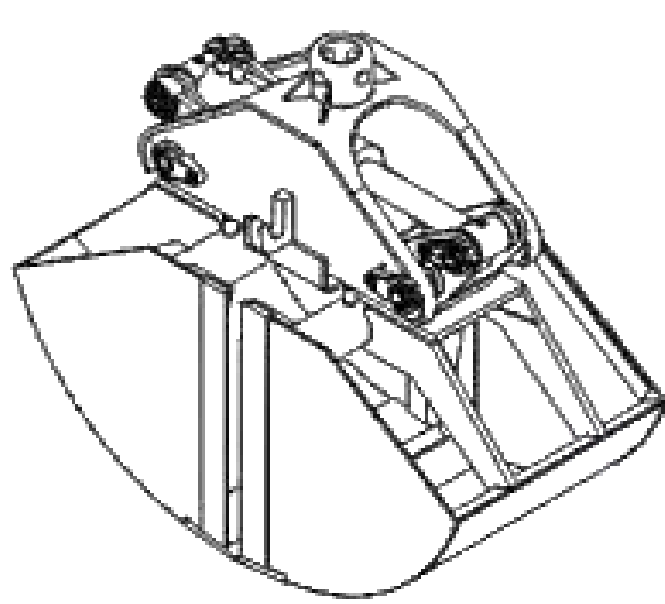
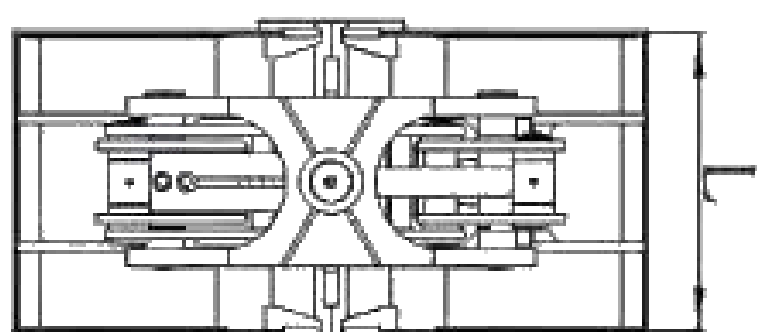
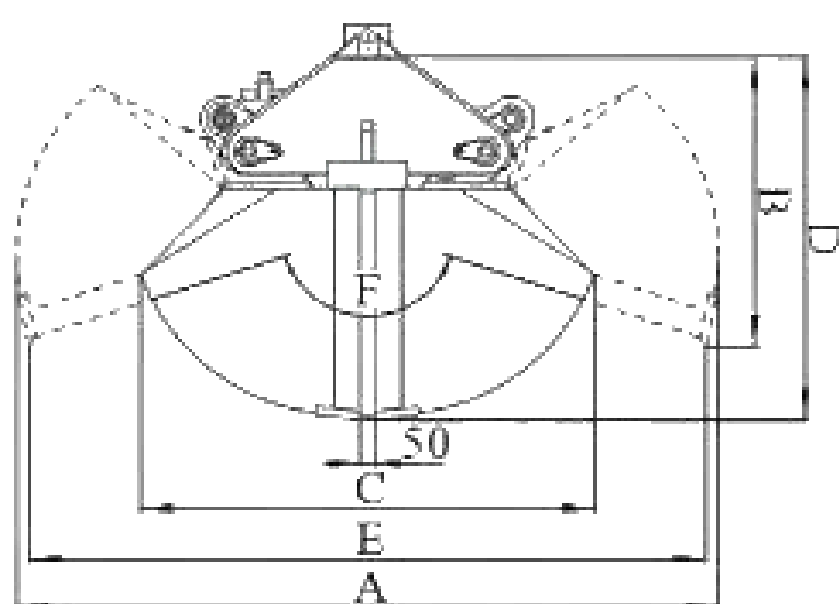
B.S. Truck Crane



B.S. Railway Crane

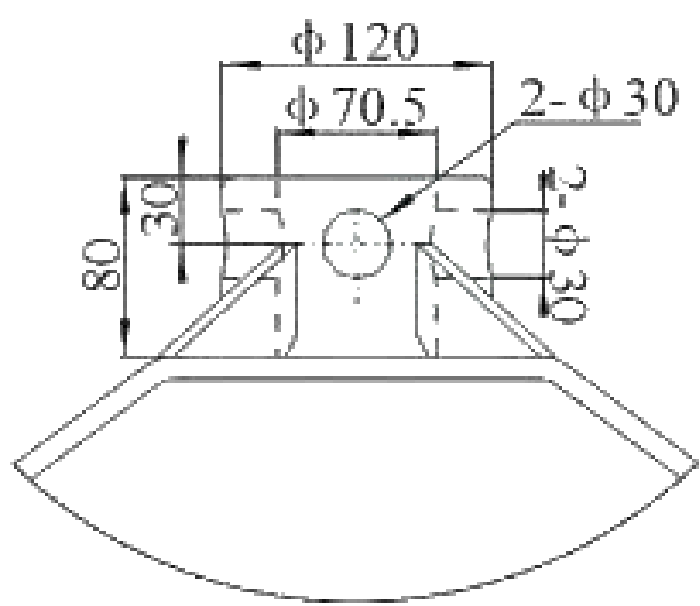
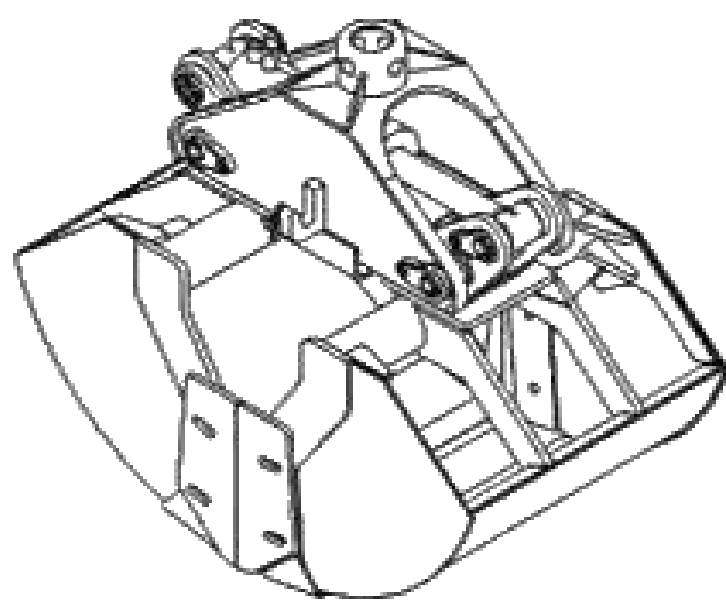
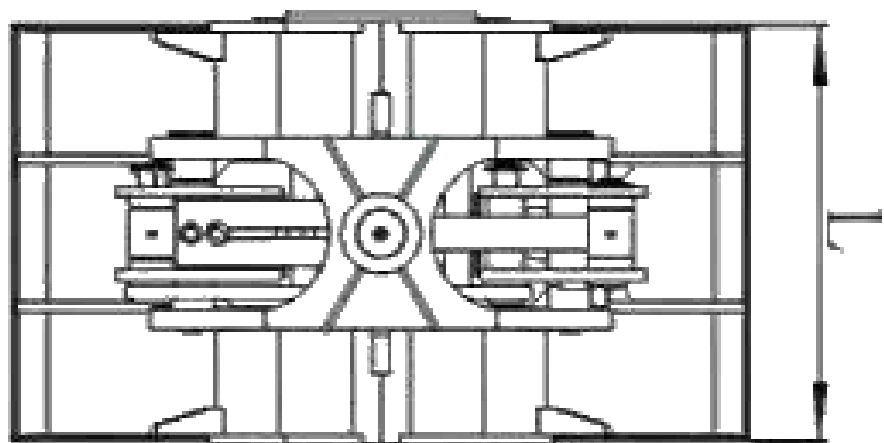
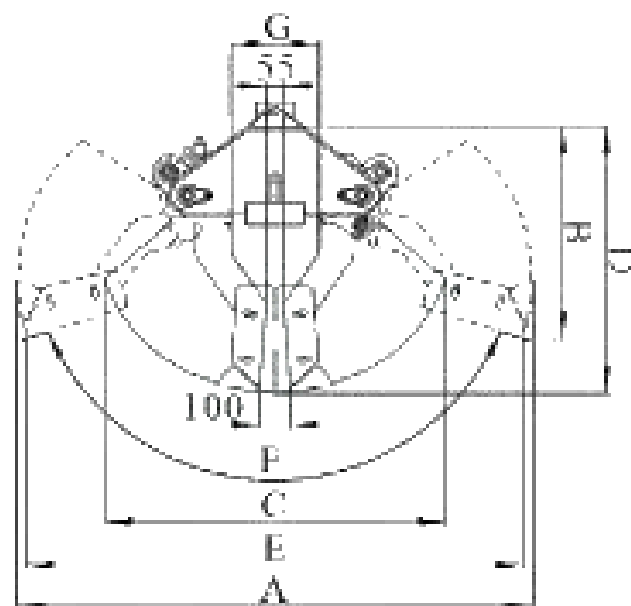


◆ MODEL A (20" - 40" BUCKET)



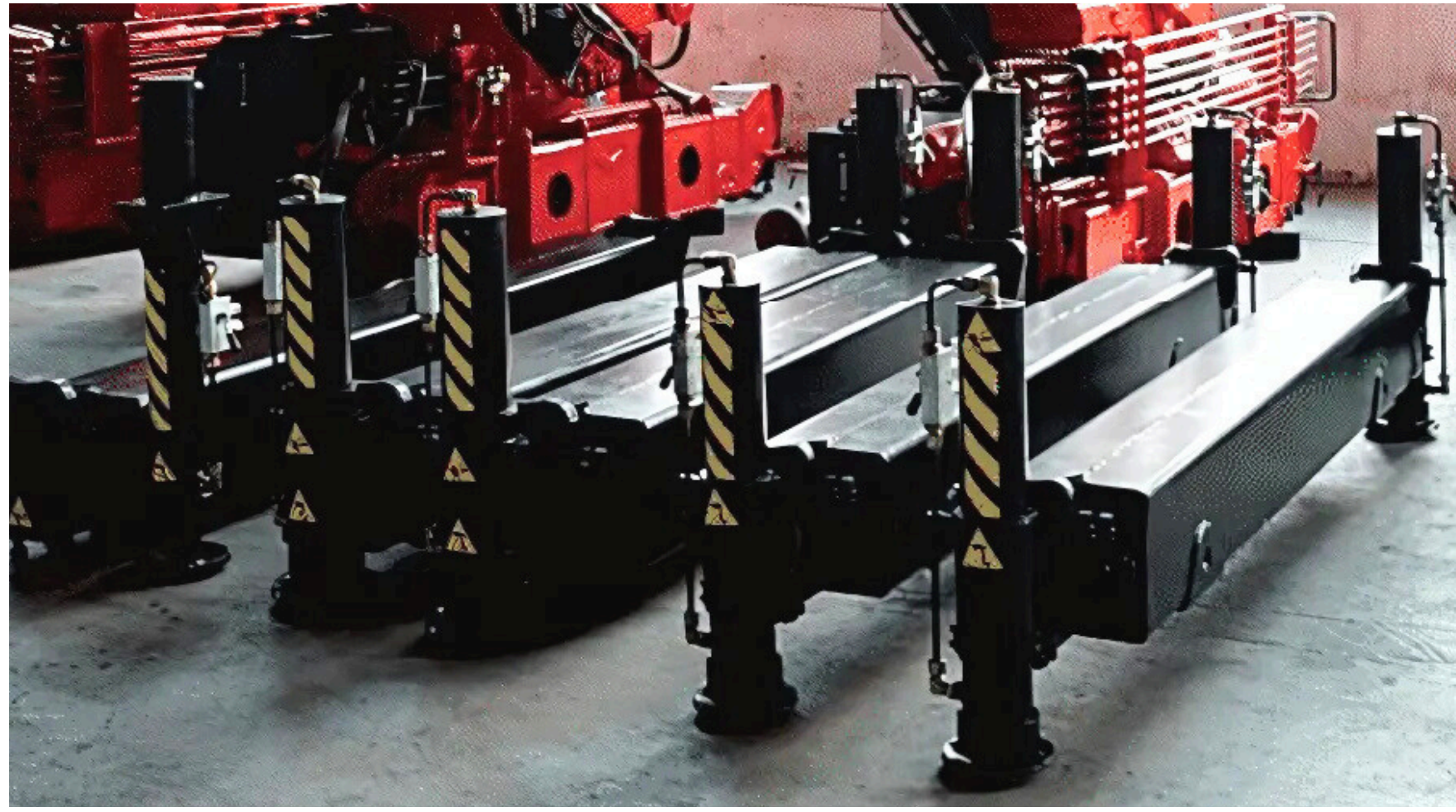
Serial	Type	L (mm)	Weight (kg)	Capacity (m3)	Working Pressure (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	Opening angle F (deg)
1	20" Bucket	565	290	0.22	25	1700	700	1120	880	1635	290	145°
2	22" Bucket	615	300	0.24								
3	24" Bucket	665	310	0.26								
4	26" Bucket	715	320	0.28								
5	28" Bucket	765	330	0.3								
6	30" Bucket	865	500	0.56								
7	32" Bucket	915	510	0.59								
8	36" Bucket	965	520	0.62								
9	38" Bucket	1015	530	0.65		2340	760	1350	1155	2340	330	160°
10	40" Bucket	1065	540	0.68								

◆ MODEL B (20" - 40" BUCKET)



Serial	Type	L (mm)	Weight (kg)	Capacity (m3)	Working Pressure (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Opening angle F (deg)
1	20" Bucket	550	250	0.19	25	1690	700	1090	875	1630	144°
2	22" Bucket	550	260	0.21							
3	24" Bucket	550	270	0.23							
4	26" Bucket	550	280	0.25							
5	28" Bucket	550	290	0.27							
6	30" Bucket	550	490	0.55							
7	32" Bucket	550	505	0.58							
8	36" Bucket	550	515	0.61		2365	760	1365	1160	2355	160°
9	38" Bucket	550	525	0.65							
10	40" Bucket	550	535	0.68							

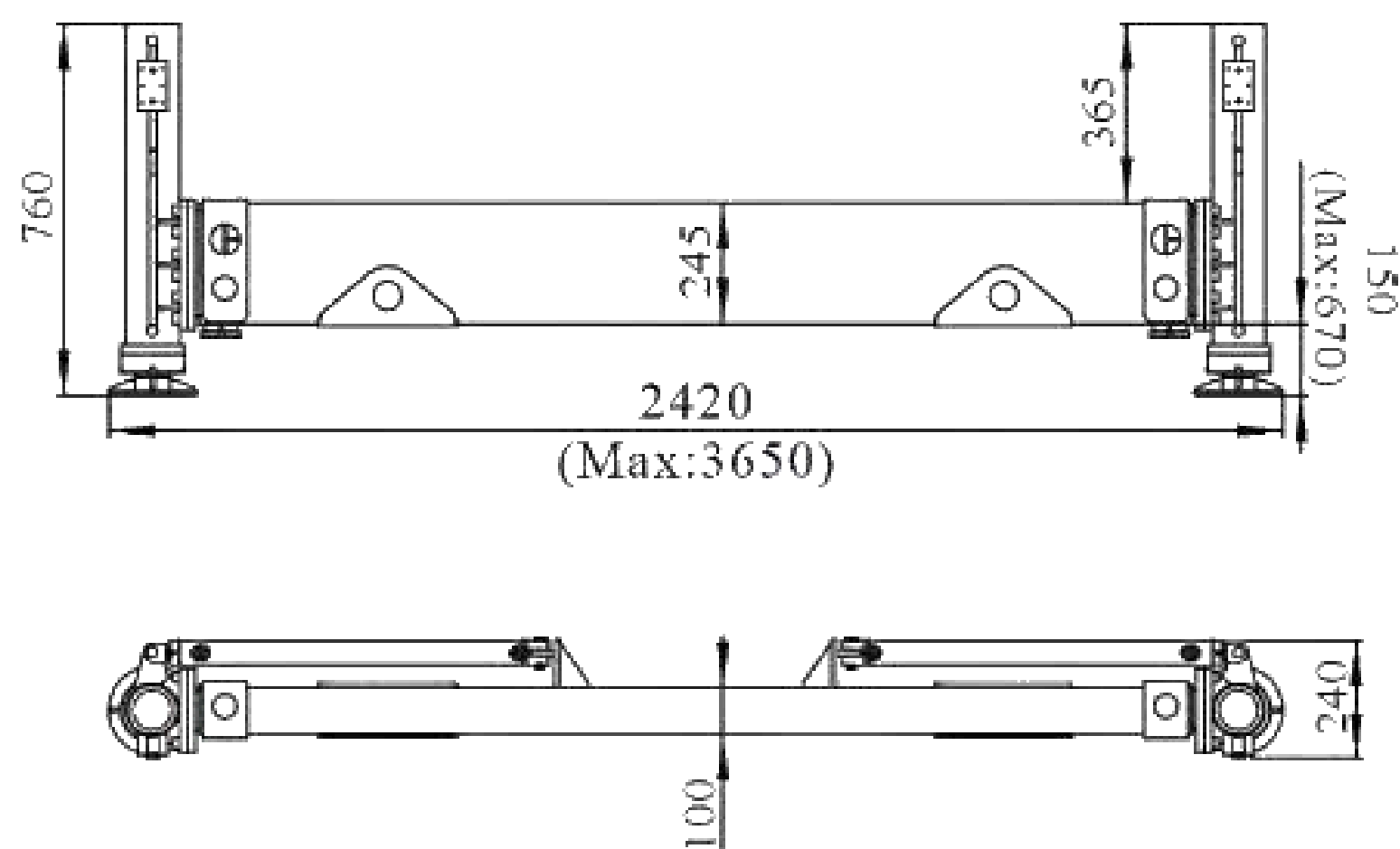
CRANE ACCESSORIES



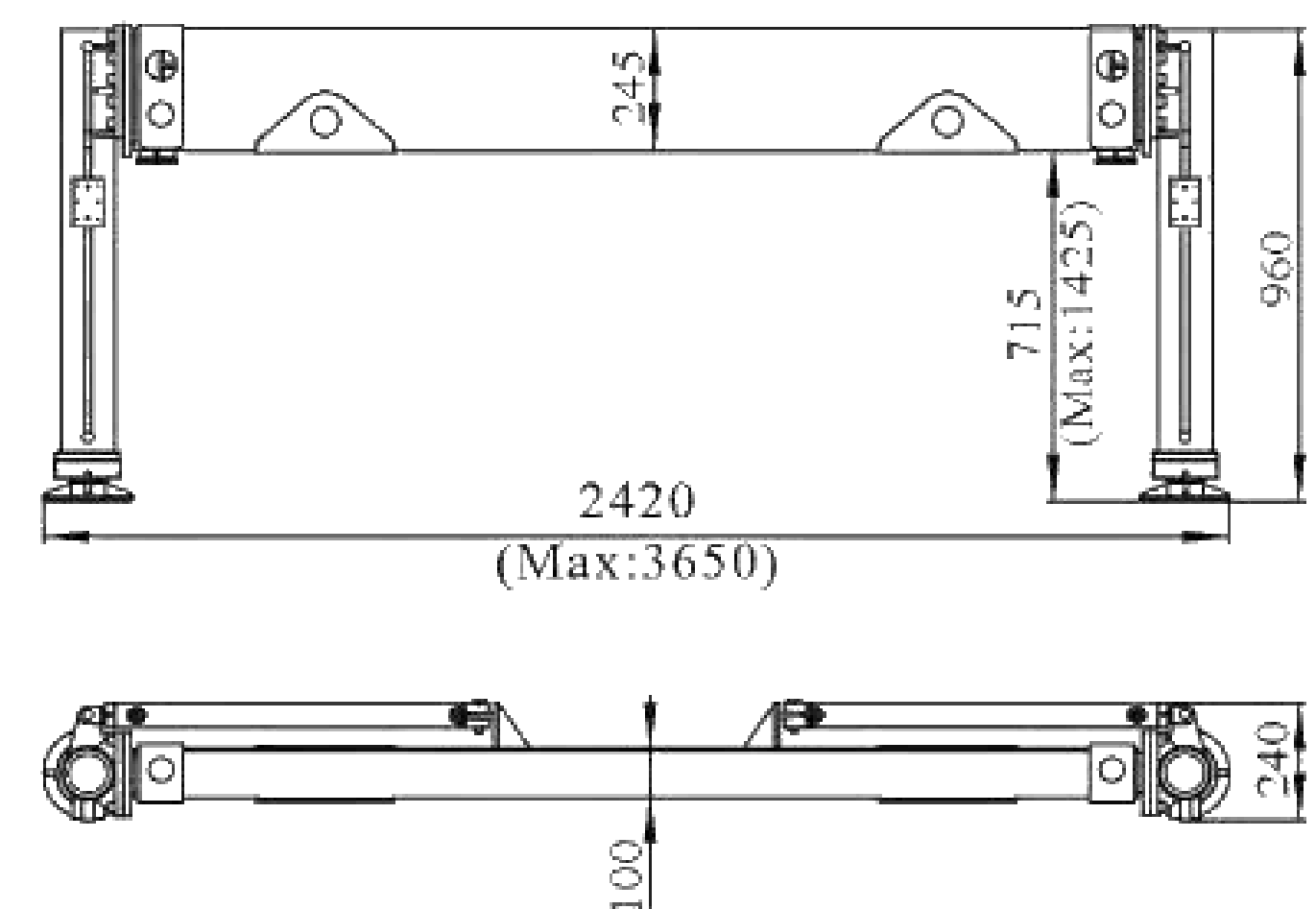
OUTRIGGERS

Our crane outriggers are purpose-built to deliver exceptional stability and safety for lifting operations in every environment. Designed and manufactured to the highest standards, they ensure your crane can operate at full capacity, even on challenging terrain.

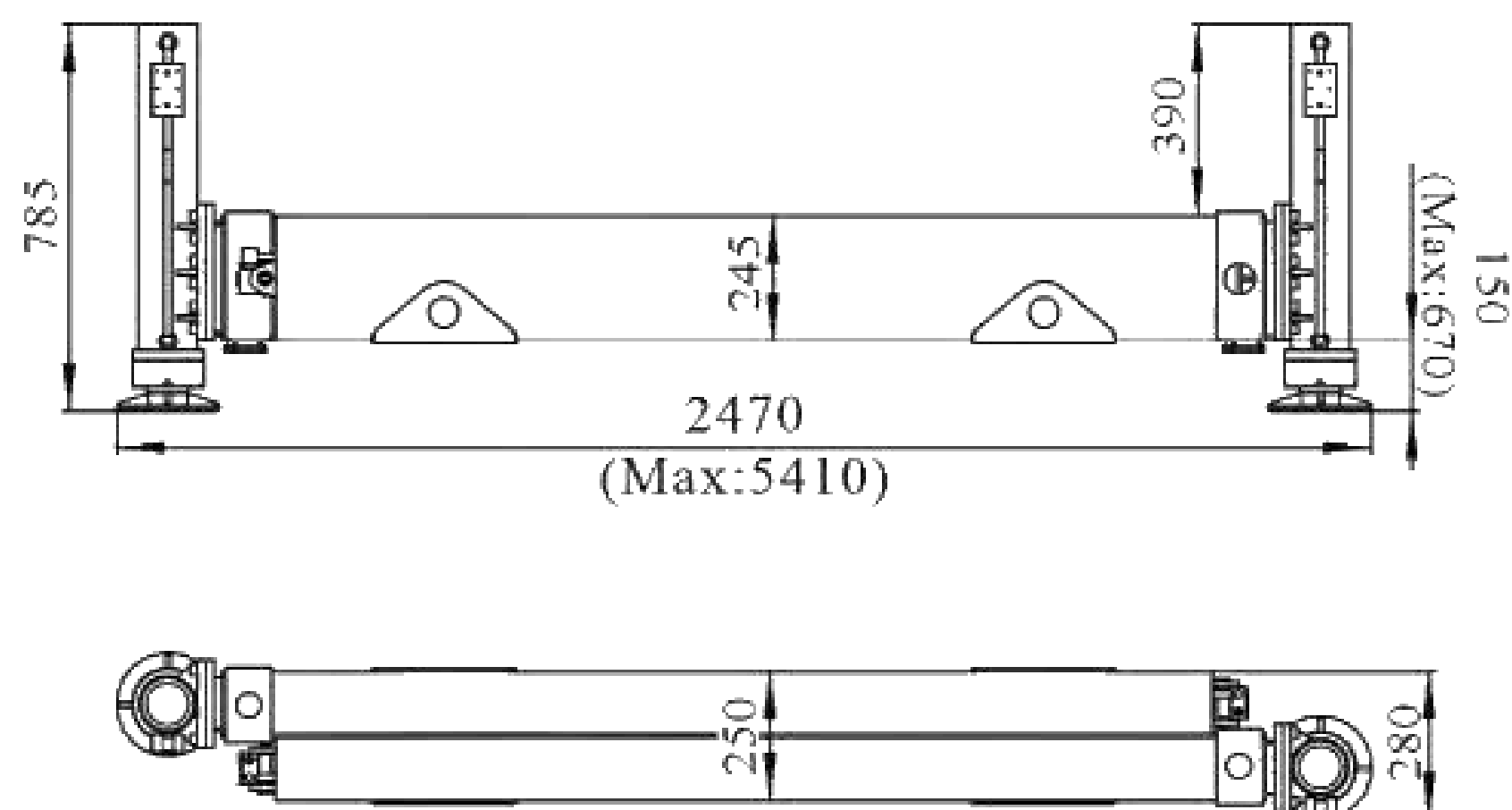
◆ 090 UPPER (300KG, Design for 20~30 TM Crane)



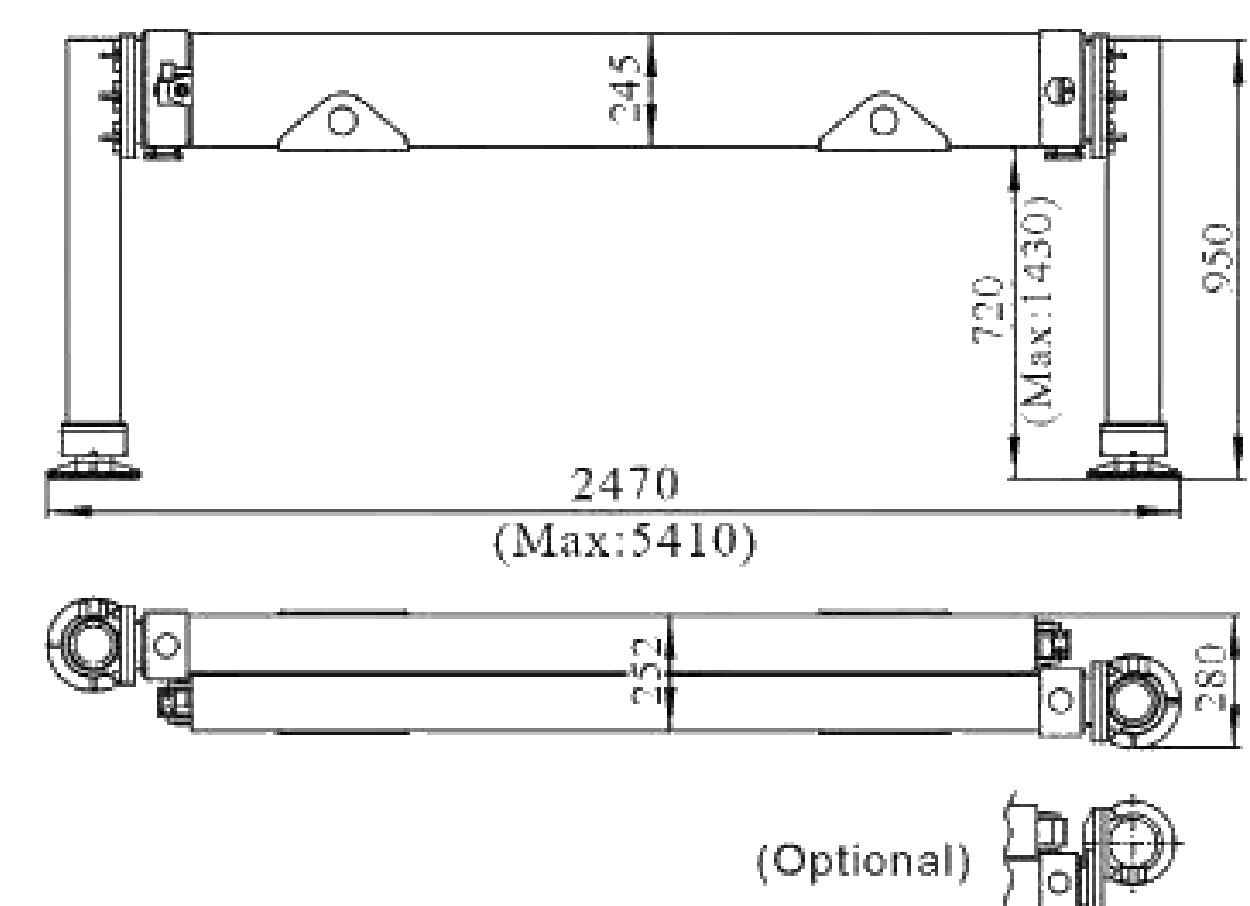
◆ 090 LOWER (300KG, Design for 20~30 TM Crane)



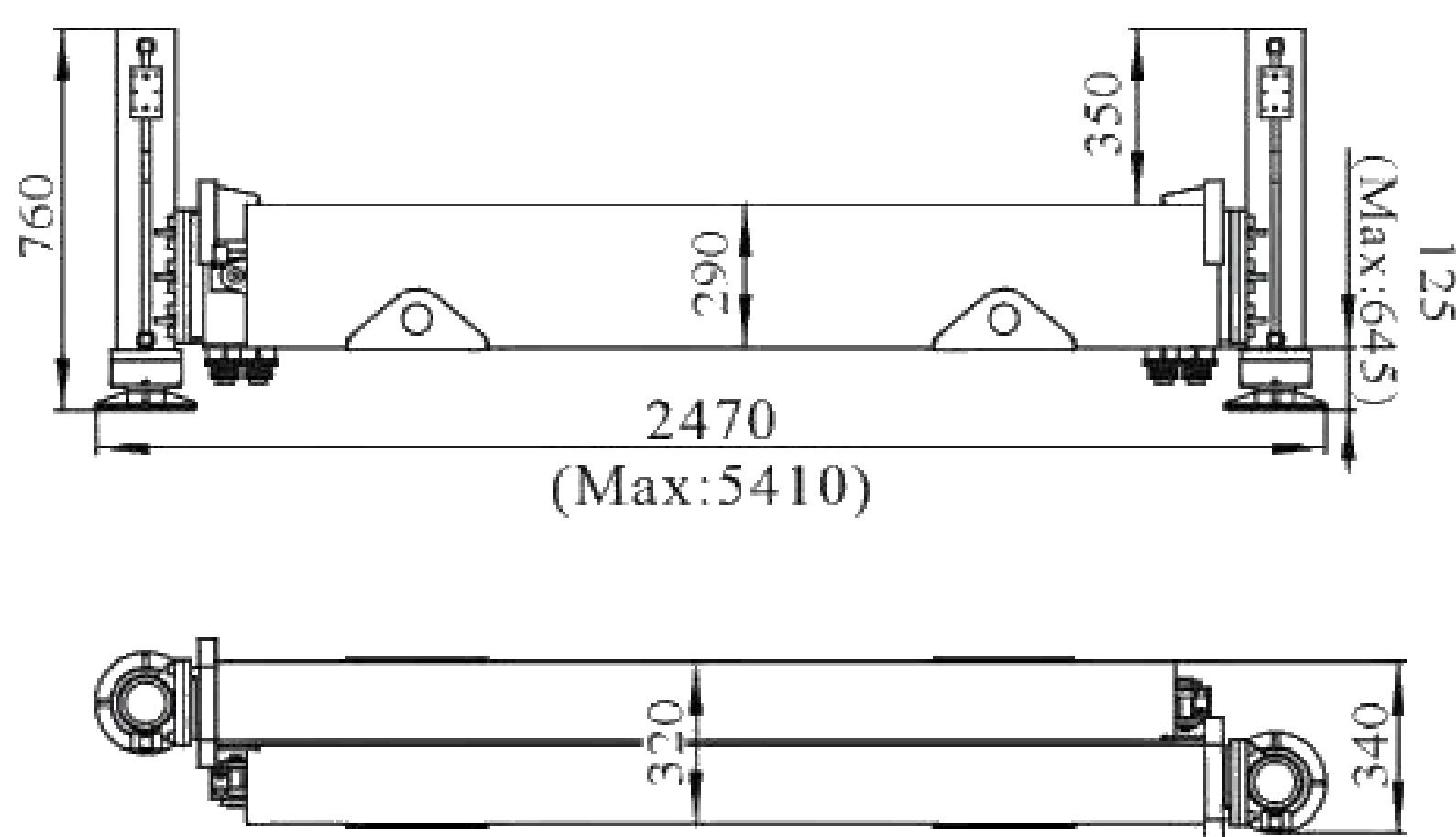
◆ 230 UPPER (540KG, Design for 23~56 TM Crane)



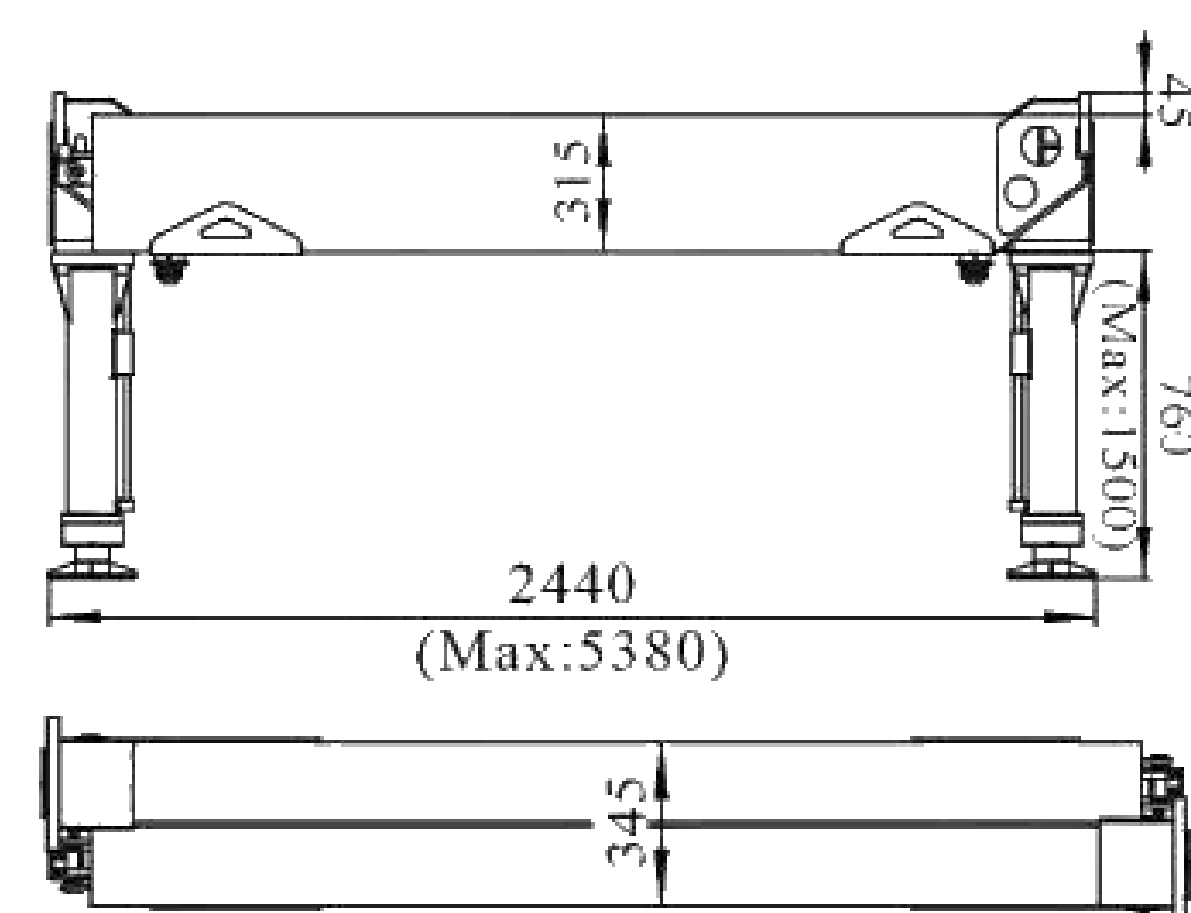
◆ 230 LOWER (540KG, Design for 23~56 TM Crane)



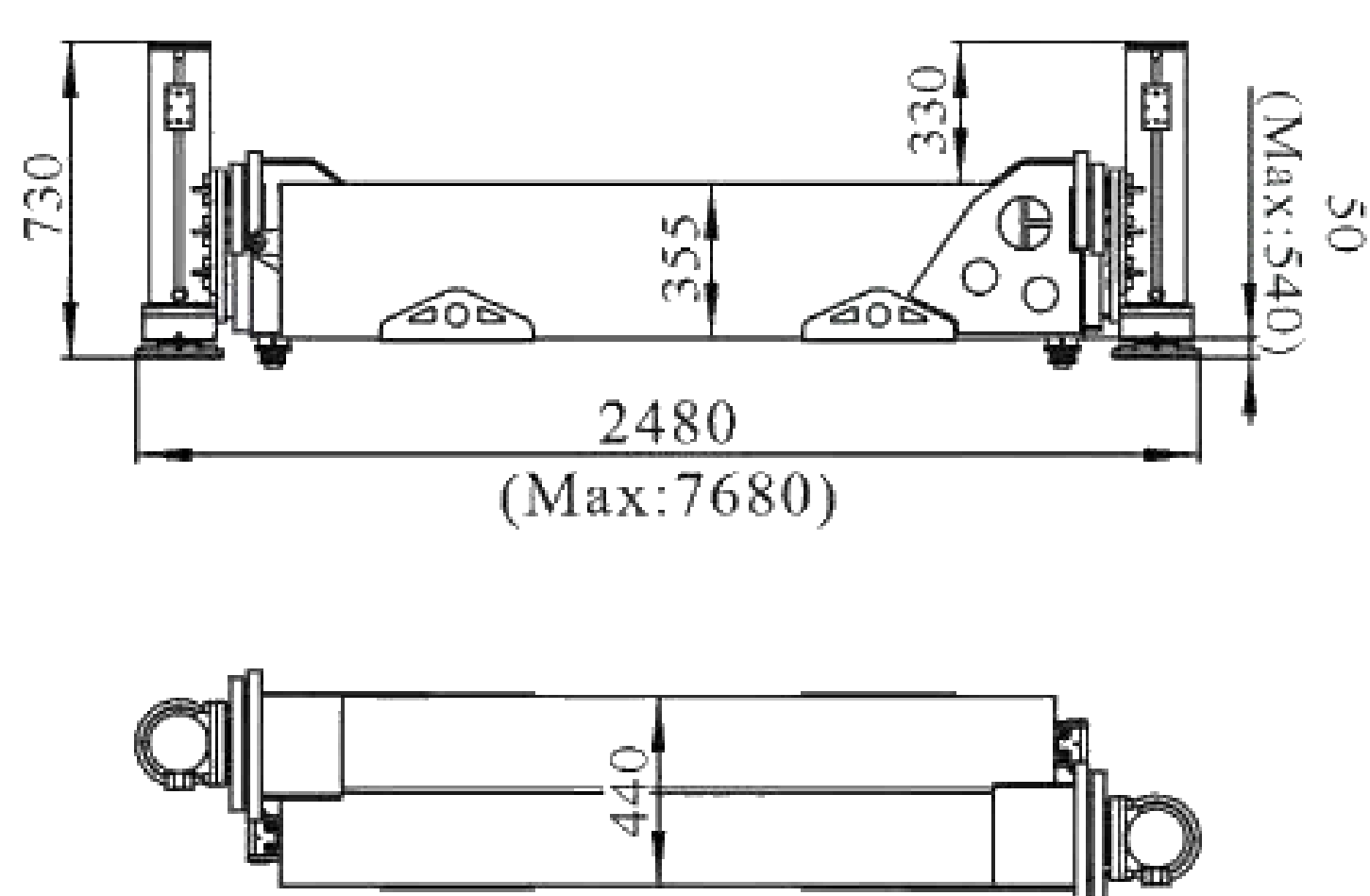
◆ 300 UPPER (690KG, Design for 50~80 TM Crane)



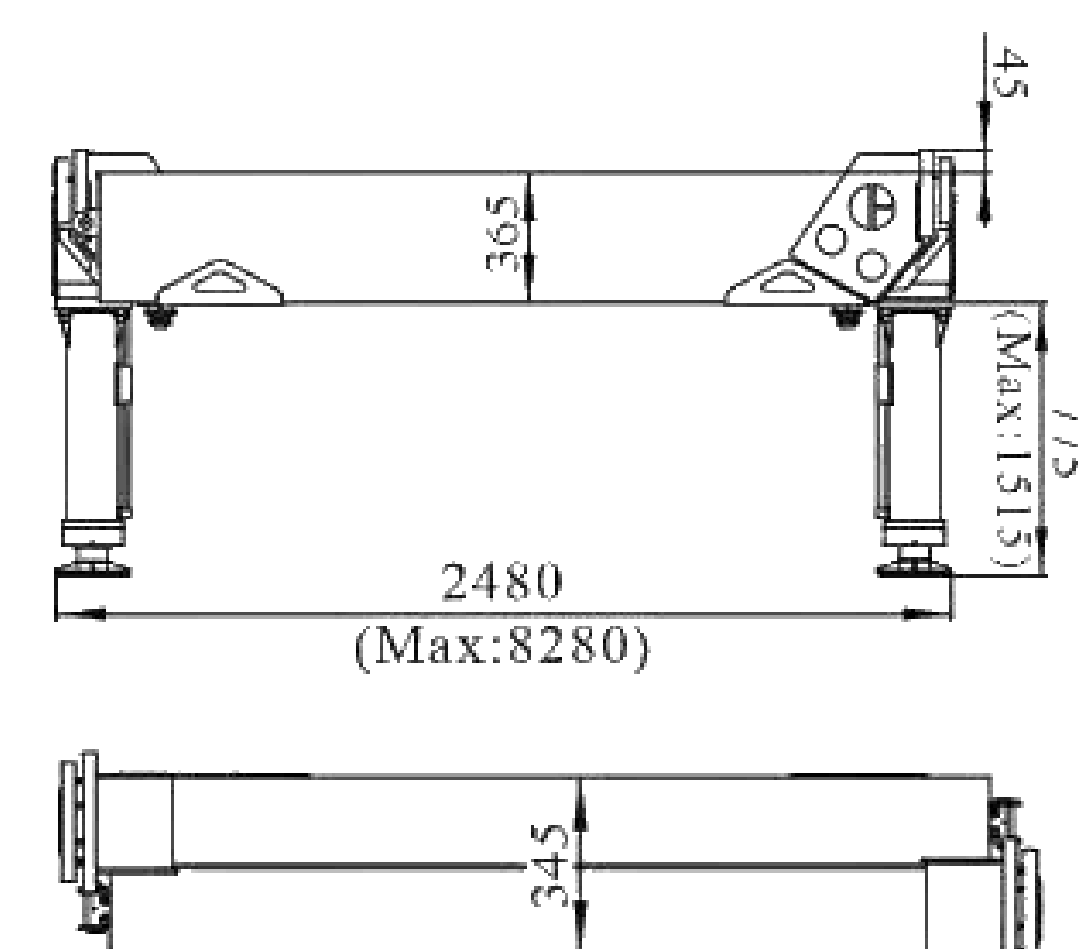
◆ 300 LOWER (75KG, Design for 50~80 TM Crane)



◆ 500 UPPER (1300KG, Design for 60~100 TM Crane)

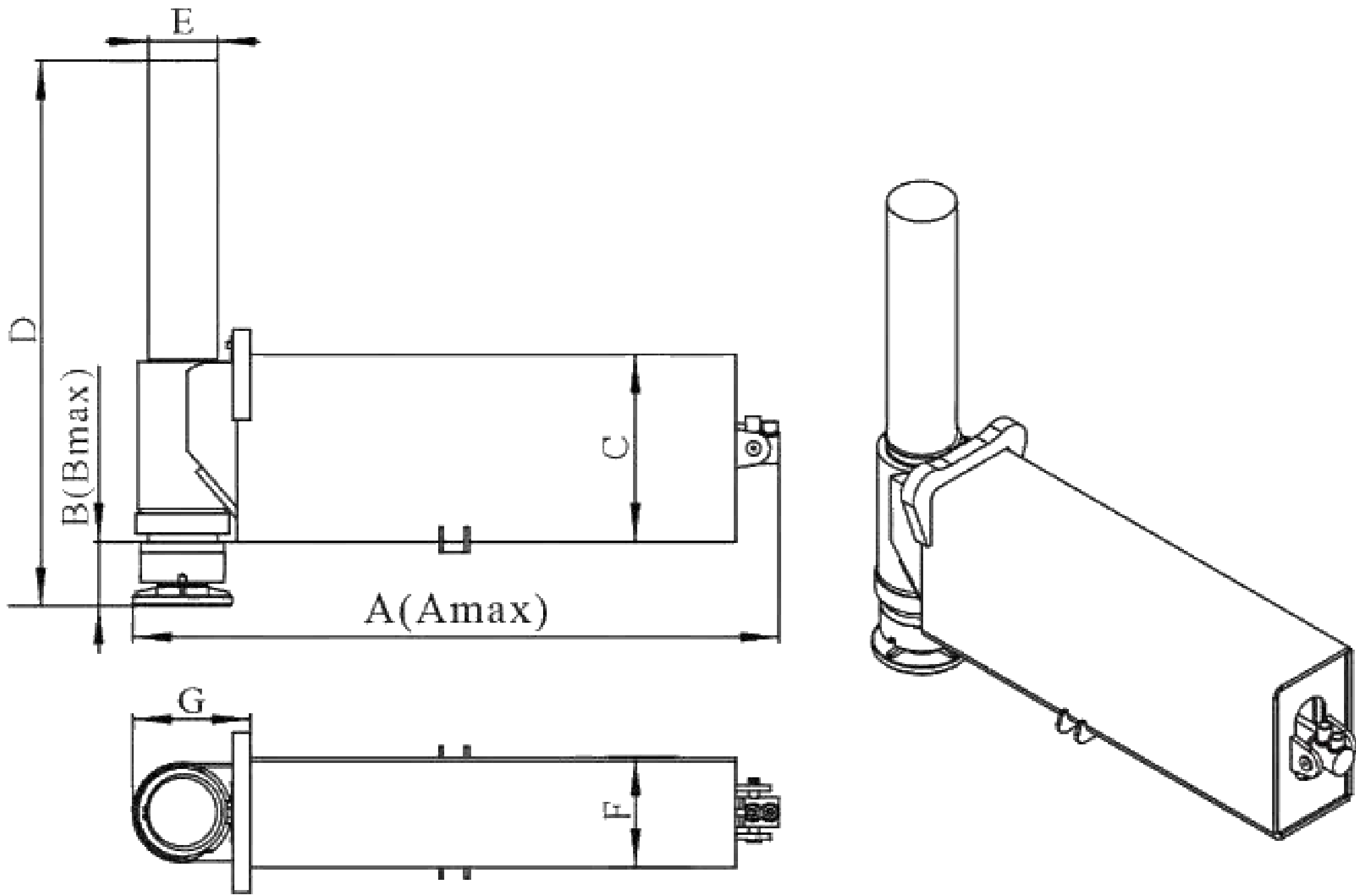


◆ 500 LOWER (1200KG, Design for 60~100 TM Crane)

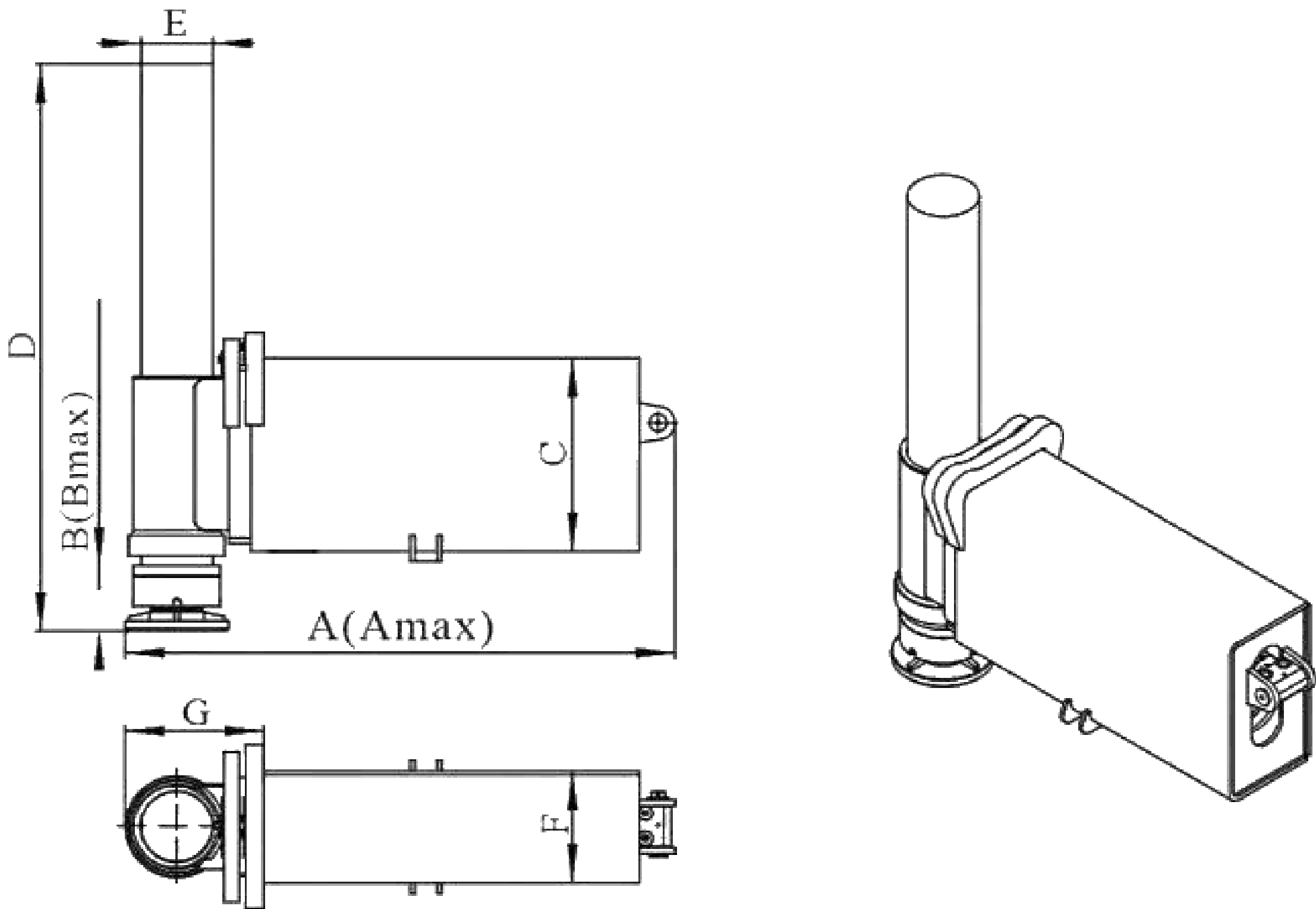




HALF STABILIZER



	A	Amax	B	Bmax	C	D	G	F	E	WEIGHT
HS50T1300	1300	1824	140	940	300	1140	218	150	115	250
HS80T1300							250	200	154	330
HS80T1400	1400	2000								350
HS80T2000	2000	3115								470



	A	Amax	B	Bmax	C	D	G	F	E	WEIGHT
HS80T910W	910	1440	155	970	375	1100	282	221	154	355
HS80T1065W	1065	1815								395

HYDRAULIC CYLINDER



With years of experience in hydraulic cylinder design and production, we ensure top-tier quality through precision-honed tubes and premium imported seals, delivering smooth, reliable performance and long-lasting durability. Each cylinder is manufactured to meet rigorous standards, providing dependable operation even in the most demanding applications while offering customised sizes and specifications to suit your exact requirements.

We could specially design and produce cylinder upon customers specific requirements.

◆ TIE-BAR HYDRAULIC CYLINDER

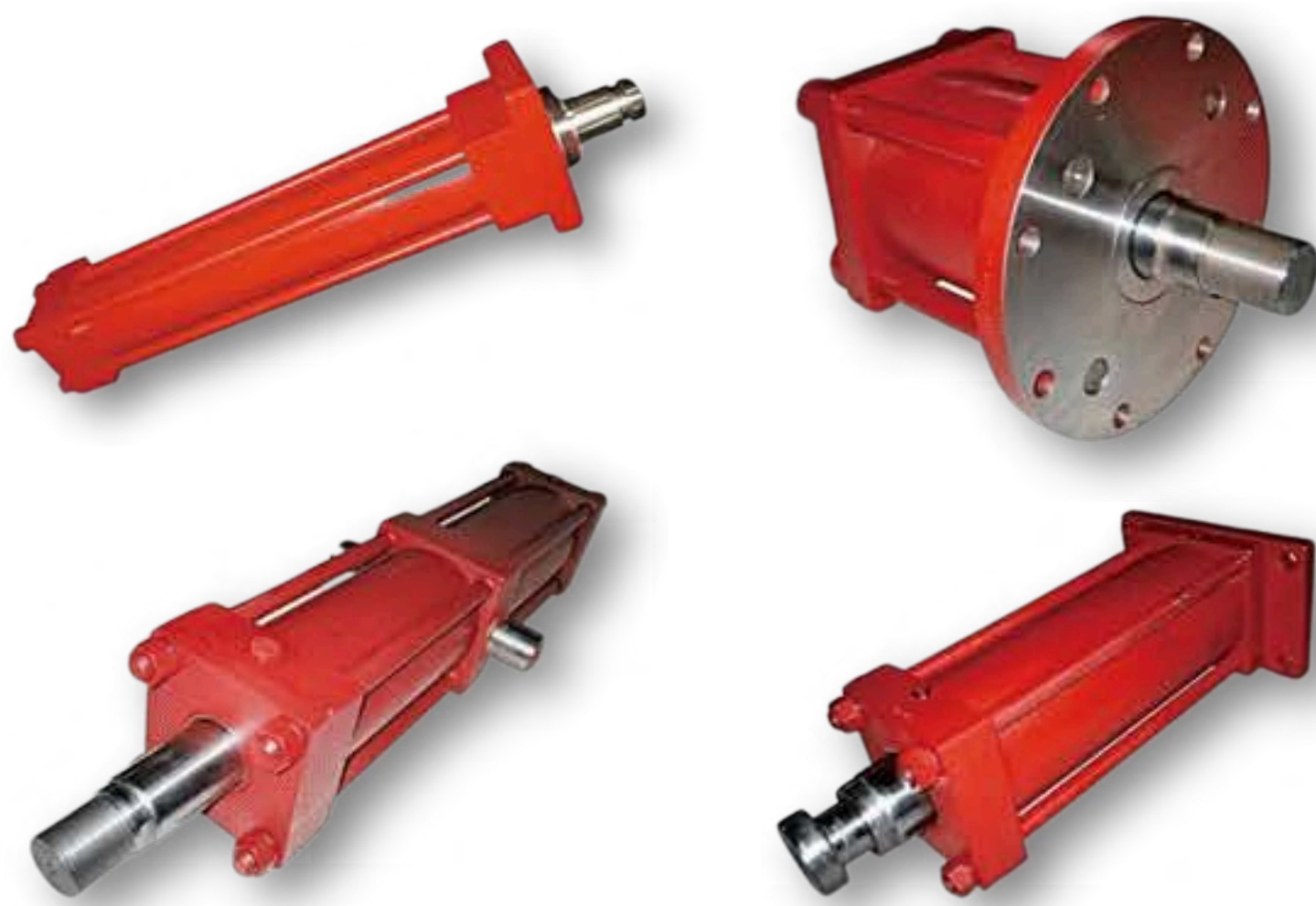
Introduction:

Working Pressure : 7MPa~21MPa

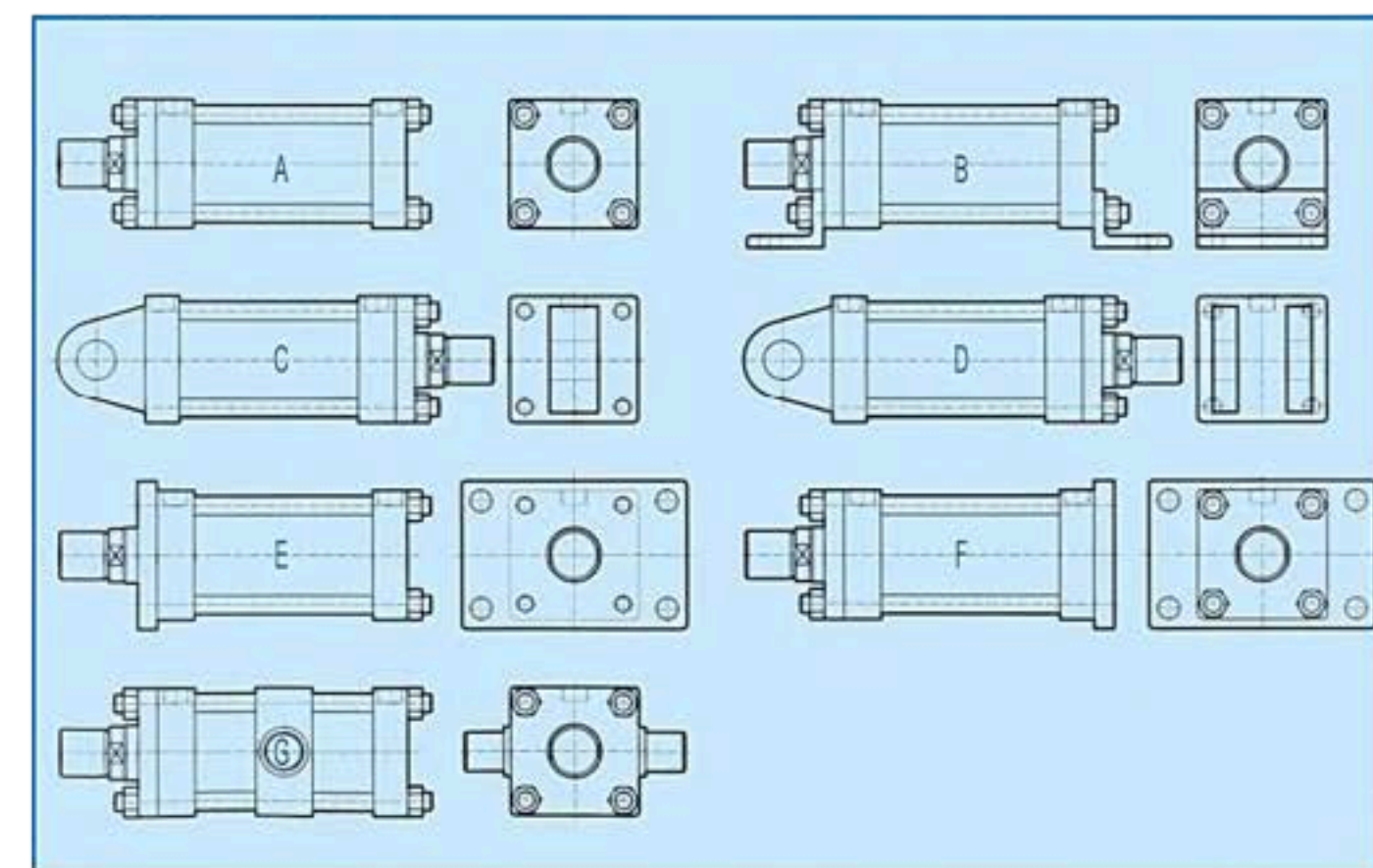
Diameter for tube : 40mm~200mm

Diameter for rod : 22.4mm~110mm

The design of Tie-Bar Cylinders are based on JIS standard and they are widely applied to industrial machineries.



Mounting Form:



◆ WELDED HYDRAULIC CYLINDER

Introduction:

Working Pressure : 14MPa~70MPa

Diameter for tube : 40mm~800mm

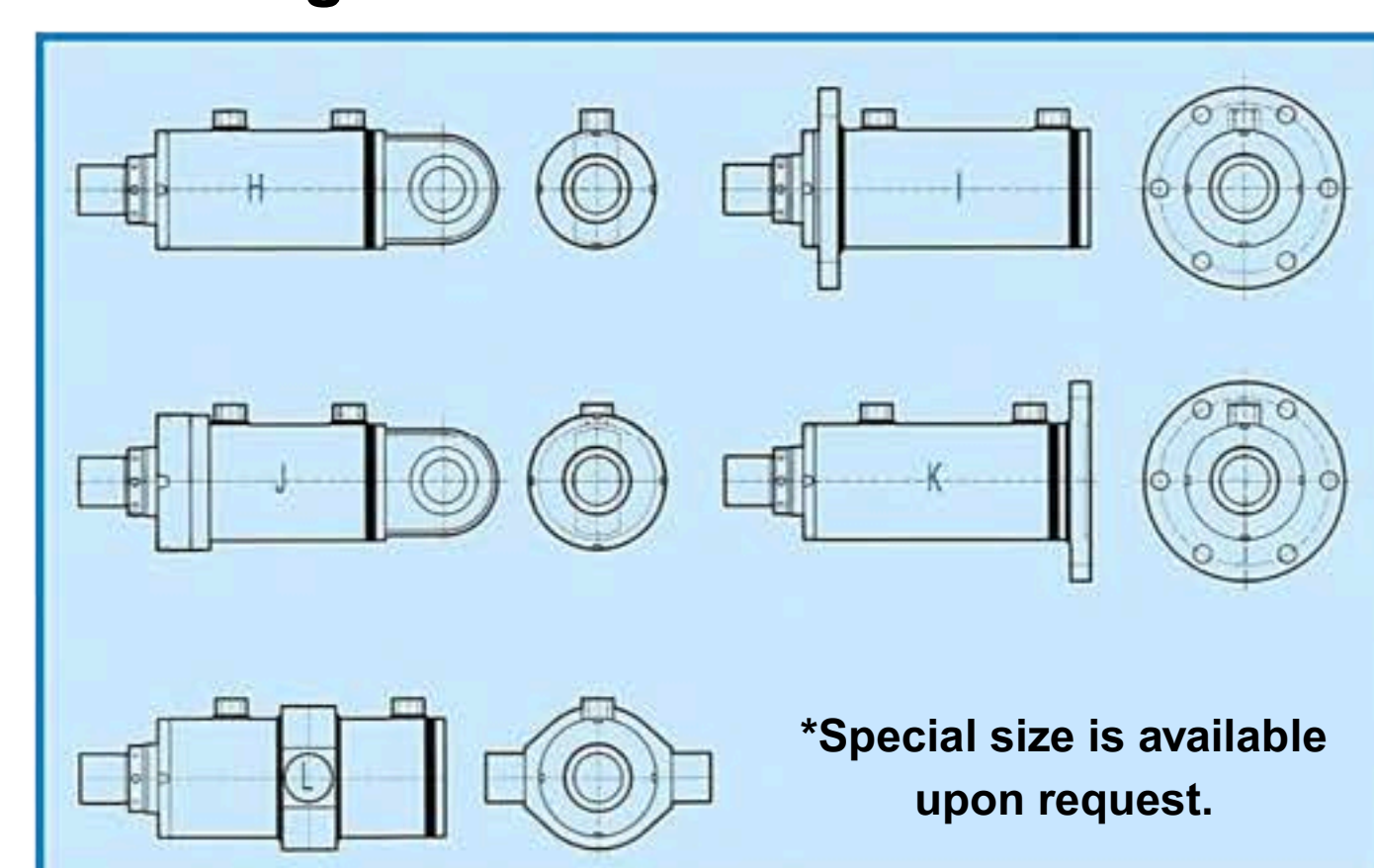
Diameter for rod : 20mm~400mm

This type of cylinders are tailor-made for our clients.

They could be applied to general hydraulic system of **special vehicles, industrial & construction machineries.**



Mounting Form:



◆ HONED CYLINDER TUBE

Introduction:

Hot-rolled Material: **16Mn, 20#, 27SiMn, 45#**

Cold drawn material: **JIS STKM-13C, DIN ST52.3**

Inner honed surface roughness: **Ra0.4~Ra0.8**

Inner Diameter Tolerance: **H8**

Manufacturing capacity: Inner Diameter **Ø40~Ø1000mm**

Inner Diameter chrome plated (Optional):

Chrome Surface roughness: **Ra0.2~Ra0.4**



◆ PISTON ROD

Introduction:

Material: 45#, 27SiMn, 20Cr, 40Cr, 42CrMo

After chrome plating:

Chrome Coating thickness : 0.02mm~0.04mm

Surface roughness : Ra0.1 ~ Ra0.3

Shaft tolerance : f7

Chrome surface hardness : Exceeds HV800

Manufacturing capacity : Outer Diameter Ø20~Ø800mm,
max. 10000mm long.

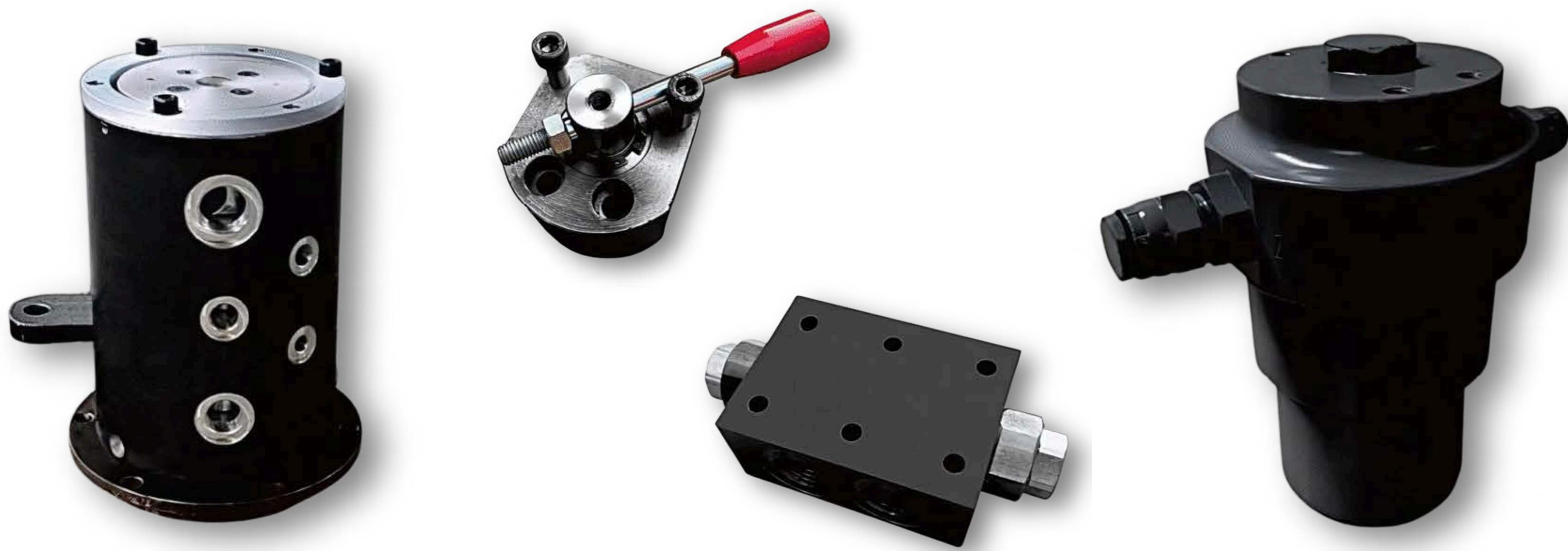
No corrosion on chrome coating surface after 90H in
standard salt spray



*Special size is available upon client's request.

◆ Hydraulic Components

Hydraulic Components for Cranes and construction machinery



◆ **Stainless/Standard Fitting**



Stainless/Standard Fitting for Cranes and your Machines

Material
Standard: 45#
Stainless: 316L
Fitting standard: BSP & JIC

For more information, please ask our sales team!

◆ **Advanced Equipments**



Advanced manufacturing equipment plays a critical role in guaranteeing the processing accuracy and consistent high quality of our high-end, high-precision products, ensuring each component meets exacting tolerances, superior surface finishes, and performance standards required by demanding hydraulic systems

◆ **SAUER DANFOSS**



Danfoss PVG32 control valve and Scanreco Remote Control are the best combination!

PVG 32 is designed for maximum flexibility, no matter which combination of valves is specified, the compact, external dimensions of the valve remain unchanged. The Advanced electronic control can be achieved with PVE electro hydraulic actuators! It is easy to use, safety, accuracy, and cost effective!

Product features:

- Configurable as advanced electrically controlled proportional valve as well as load sensing directional control valve.
- Prevention against work port pressure build up.
- Individual work port pressure setting.
- Zero-leakage work modules.
- Modular design, which can be combined with PVG100 and PVG120.

Technical information ;

- Max. working pressure : 300 bar
- Displacement flow : 100 L/min 150 L/min



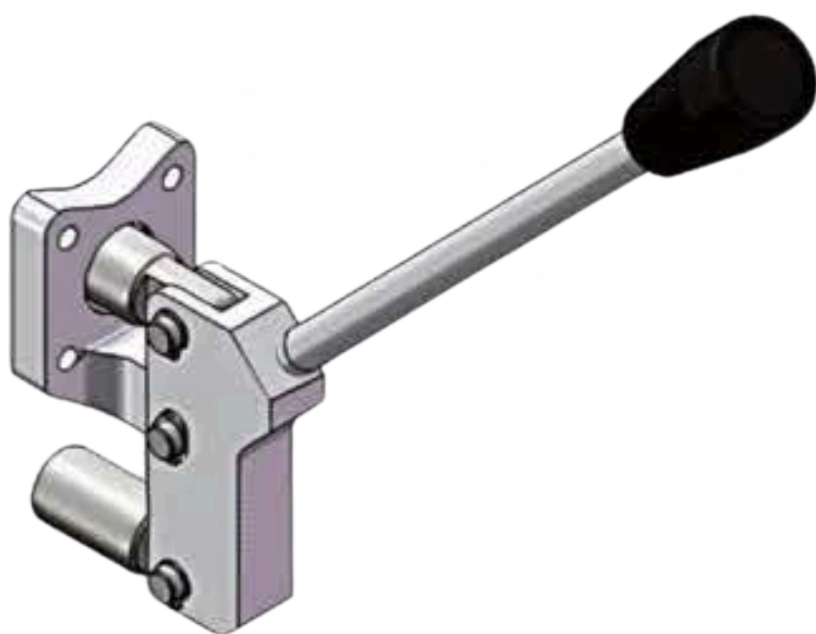
Ordering Code

01020304

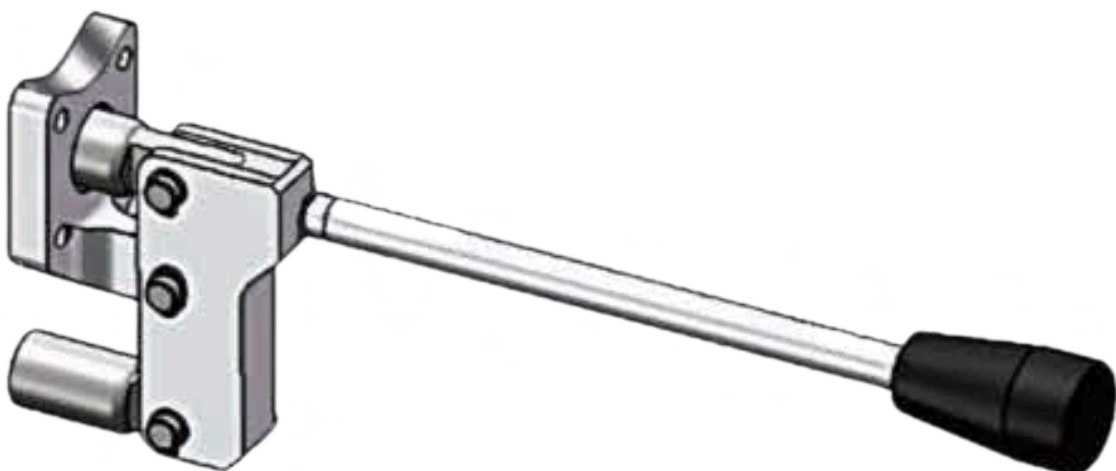
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01	Max flow rate	2	65 L/min
		3	120 L/min
02	Max continuous working pressure	2	250-260 bar
		3	300-320 bar
03	Independent pressure adjustment for each working section	8	No
		6	Yes
04	Number of sections	2	2 sections
		4	4 sections
		6	6 sections

Lever Options



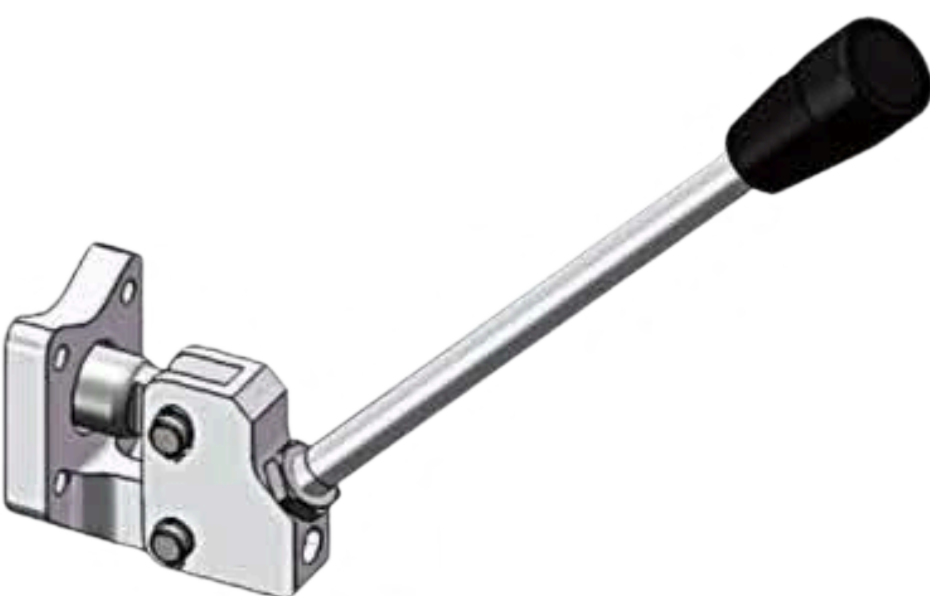
Model A



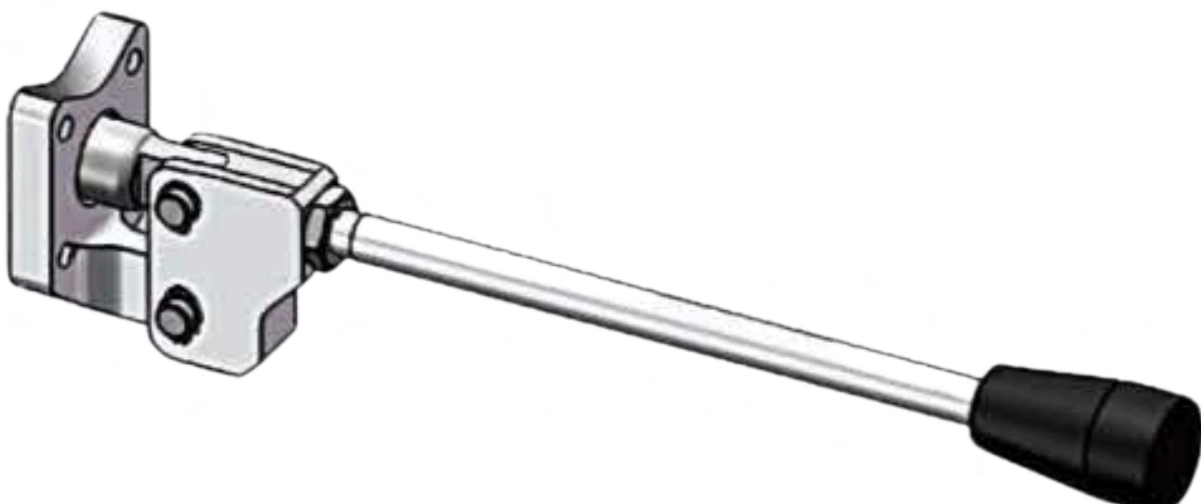
Model B



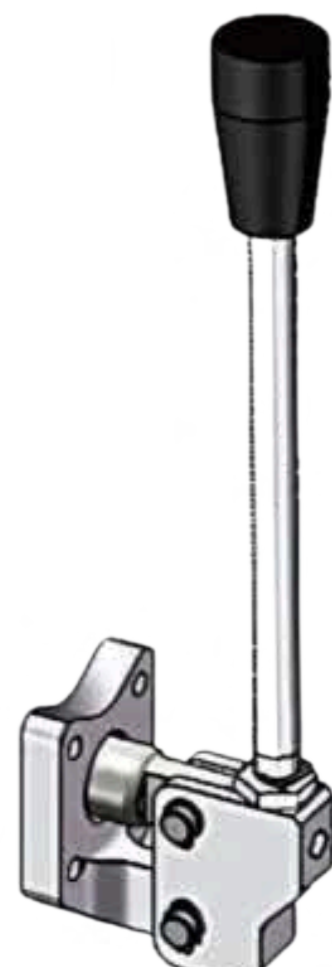
Model C



Model D

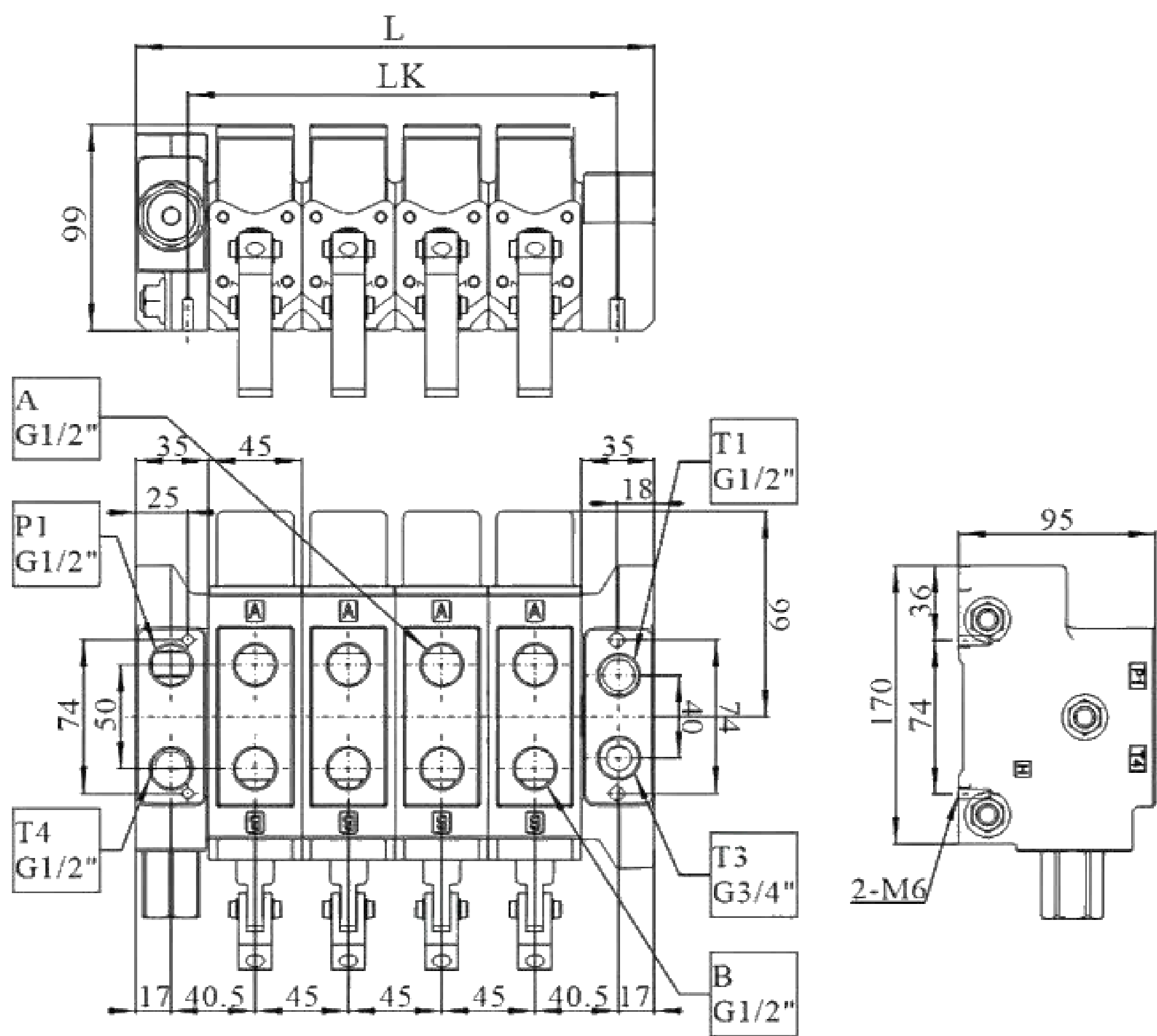
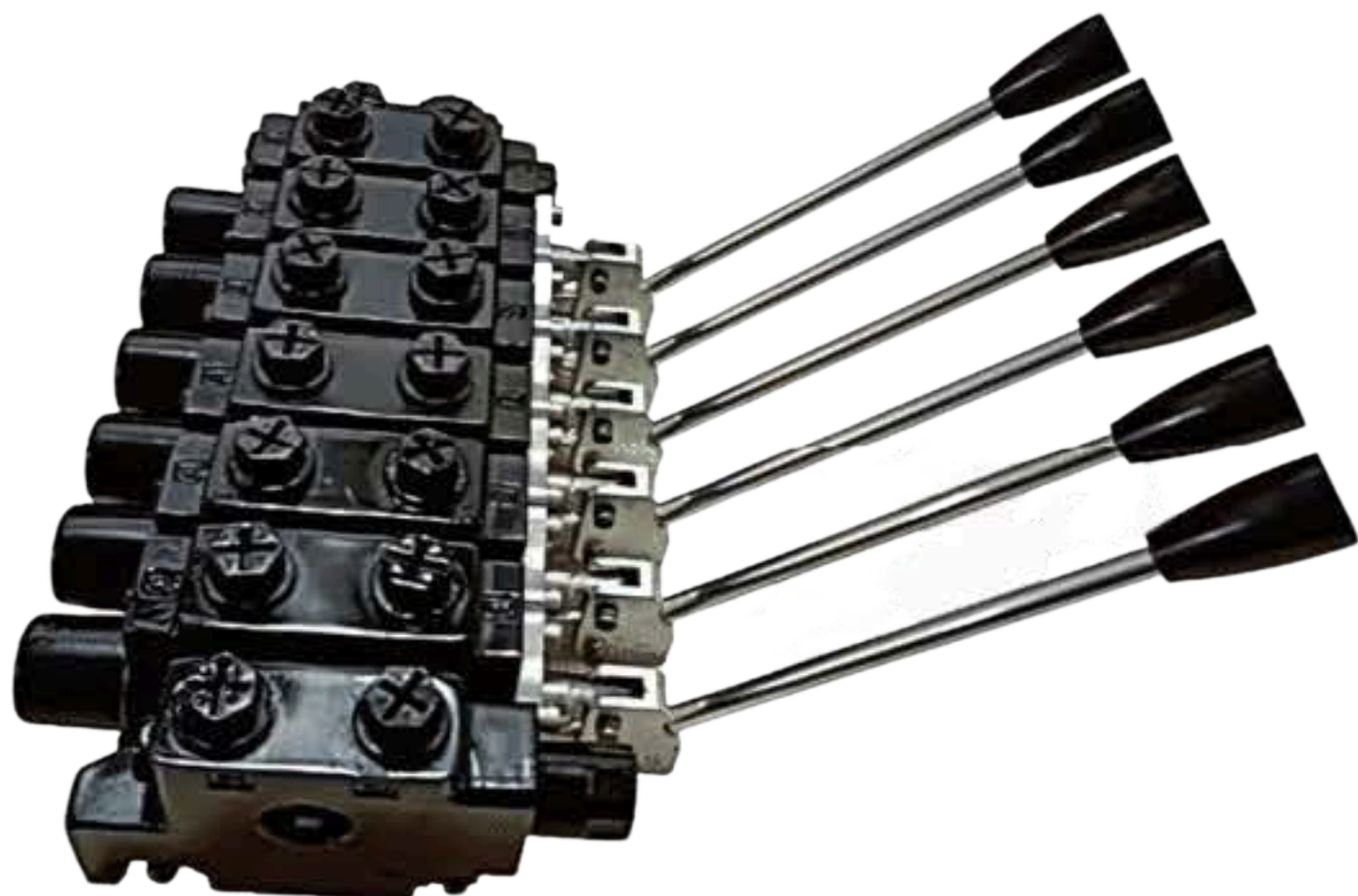


Model E



Model F

◆ W228.4

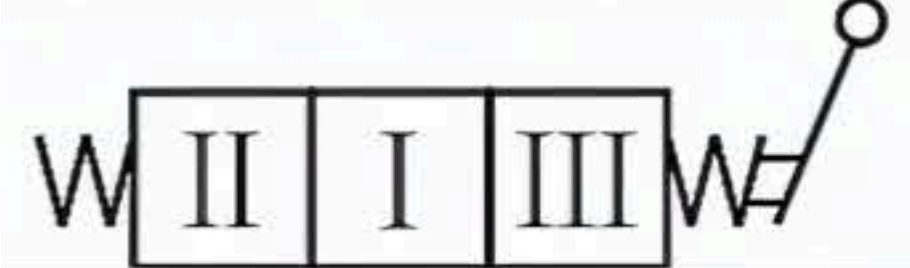
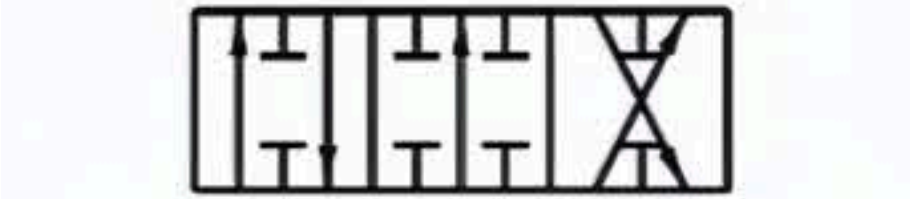
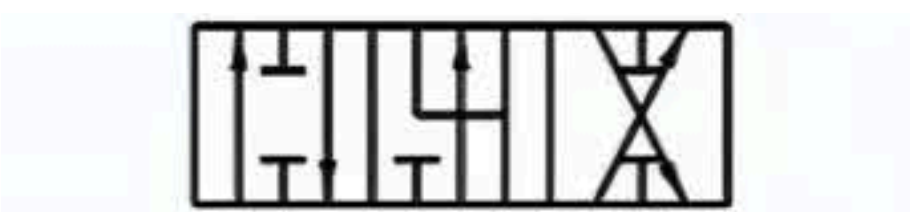


Technical Data

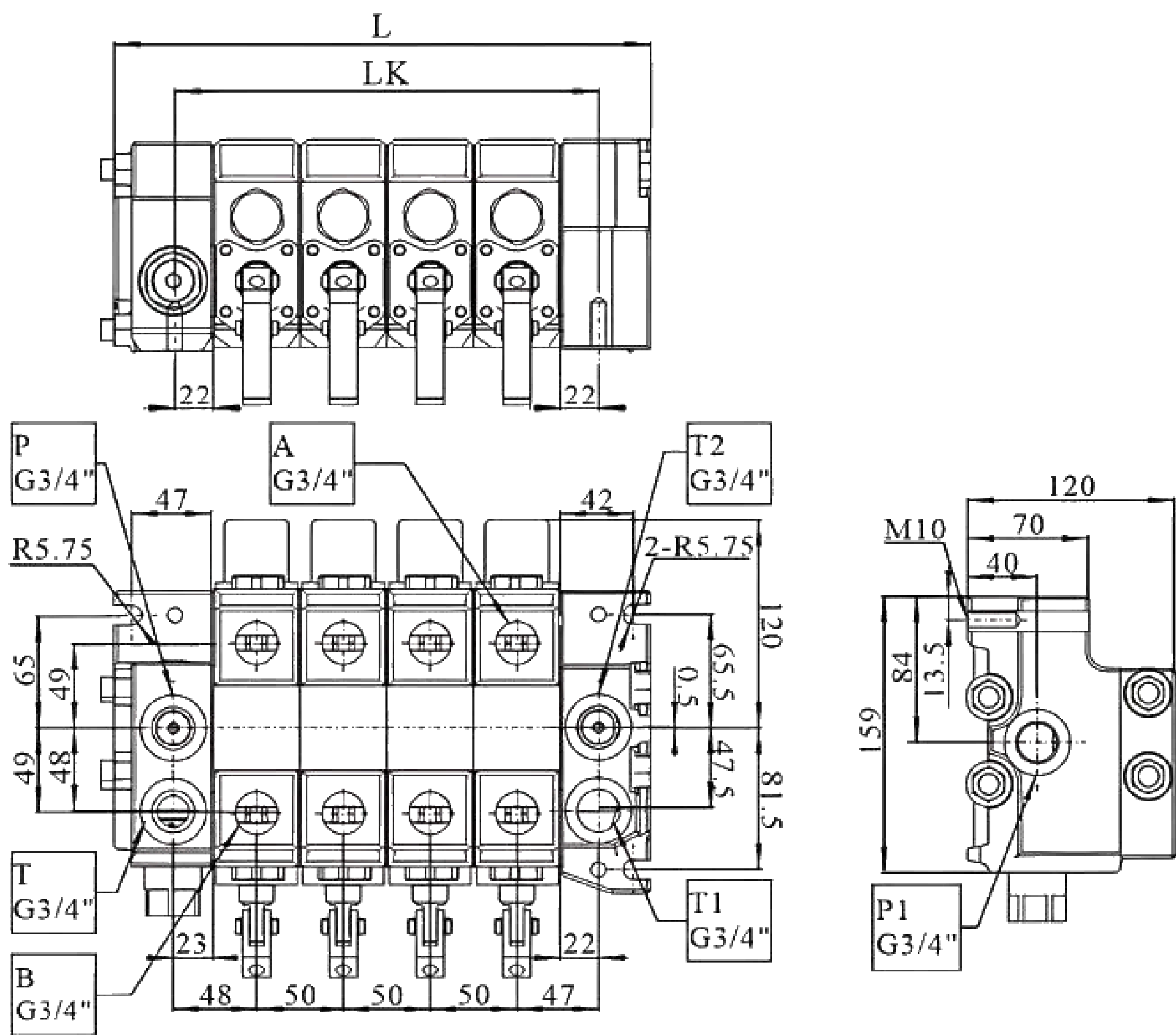
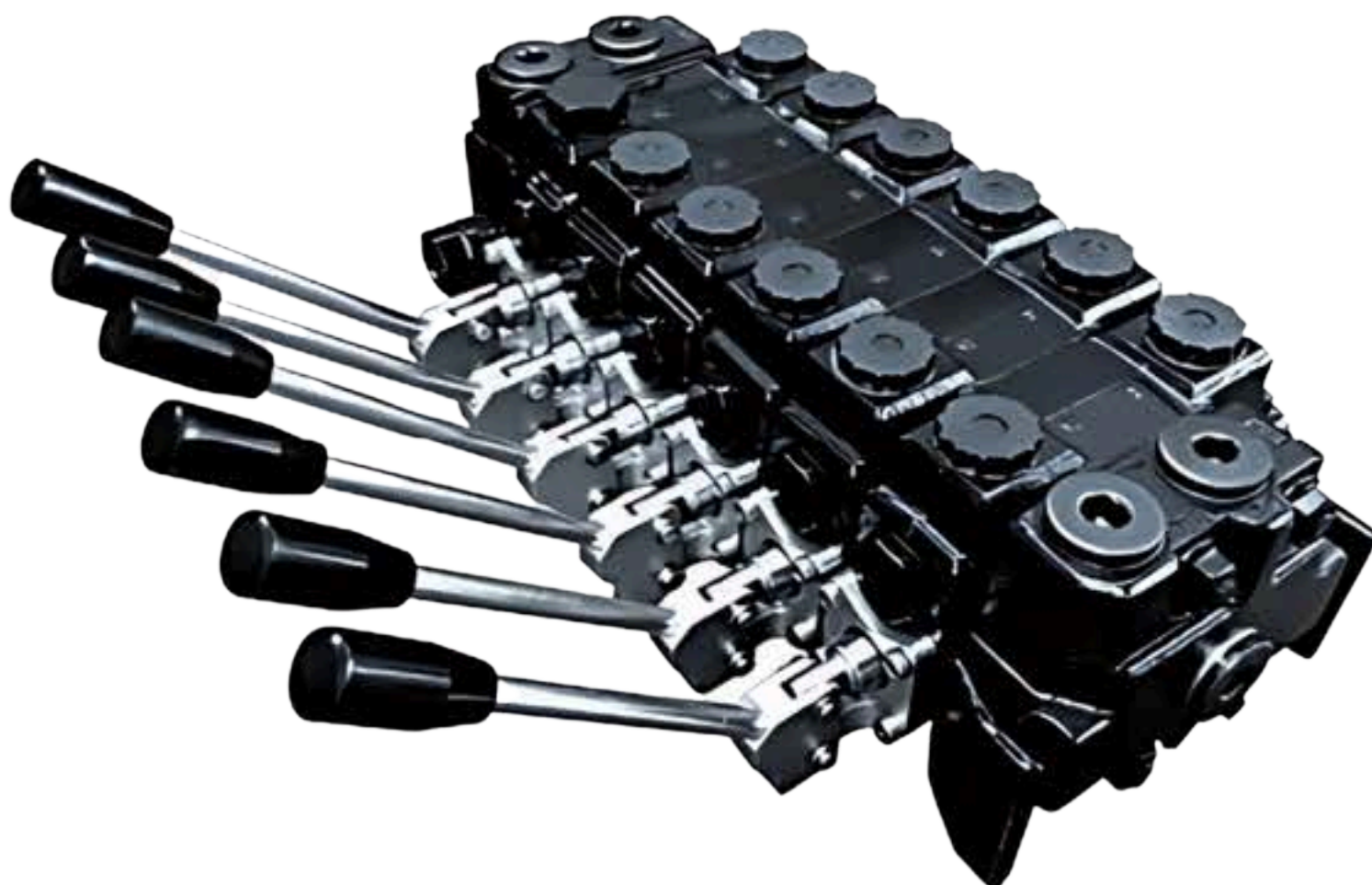
Max continuous working pressure (bar)	Max flow rate (L/min)
260	65

No. of sections	4	6	8
LK (mm)	207	297	387
L (mm)	250	340	430
Weight (Kg)	19	27	35

Spool Form

	Function	Code
	Double Acting Spool	1
	Motor Spool	3

◆ **W328.4**

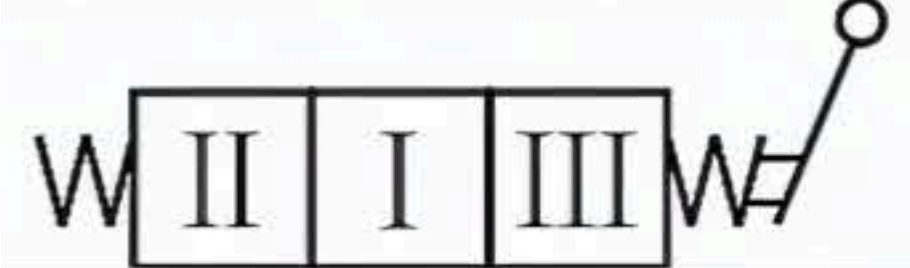
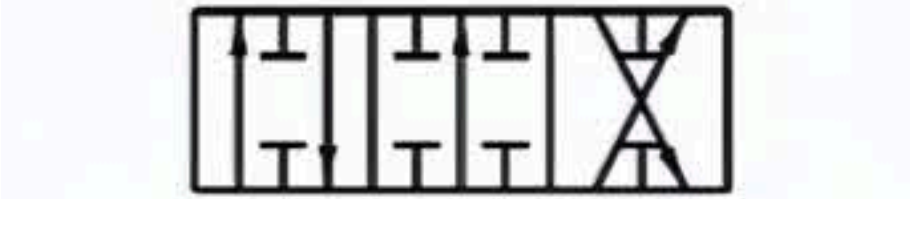
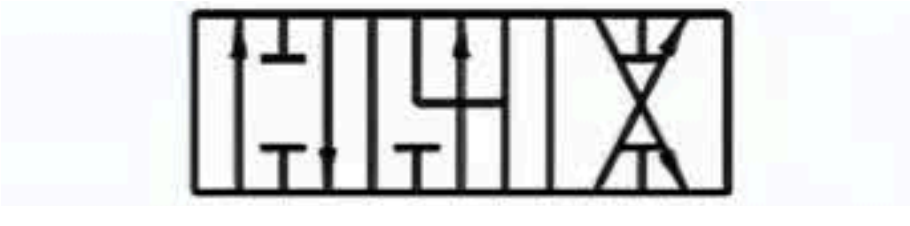


Technical Data

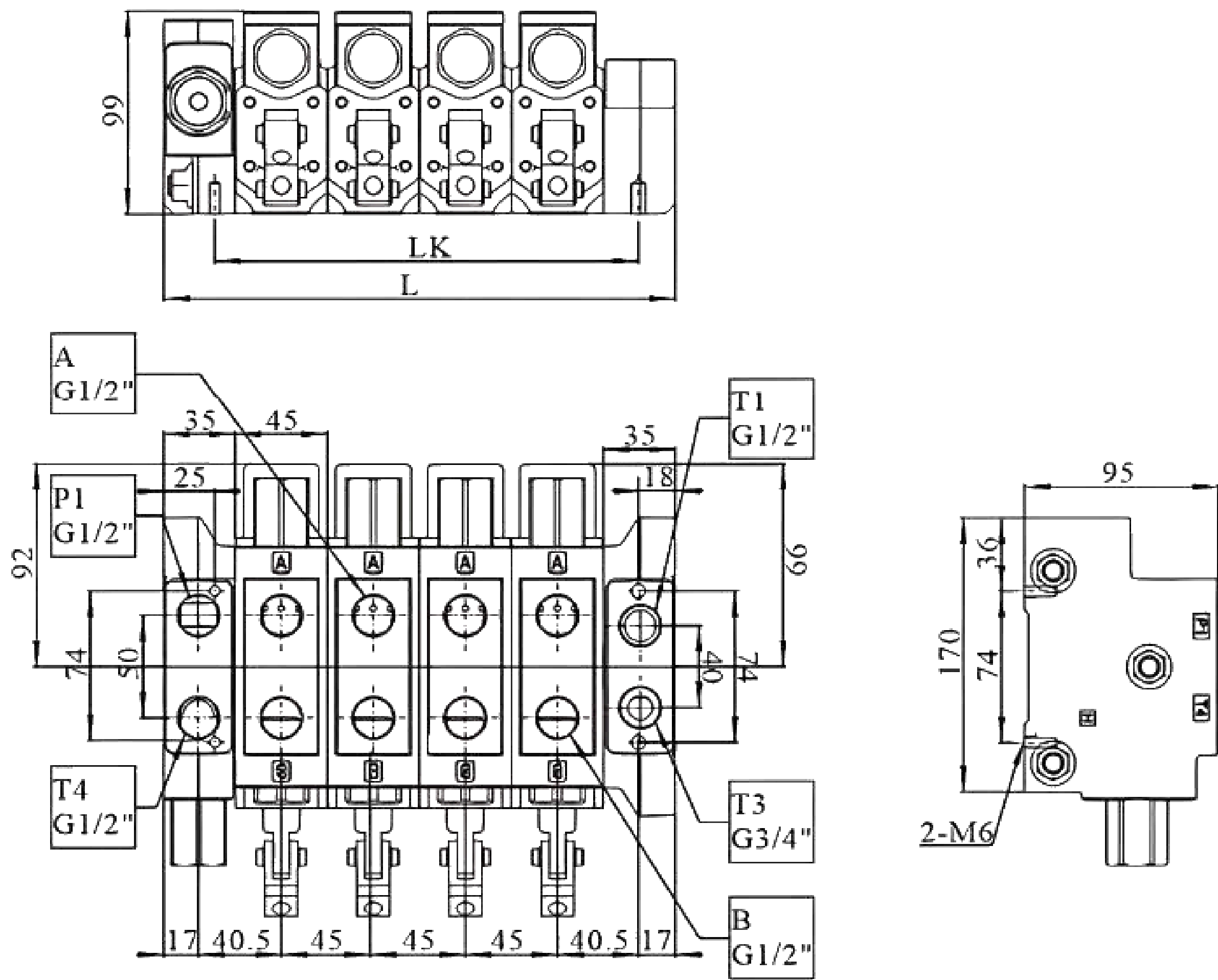
Max continuous working pressure (bar)	Max flow rate (L/min)
250	120

No. of sections	2	4	6
LK (mm)	144	244	344
L (mm)	209	309	409
Weight (Kg)	23	35	47

Spool Form

	Function	Code
	Double Acting Spool	1
	Motor Spool	3

◆ 236.4

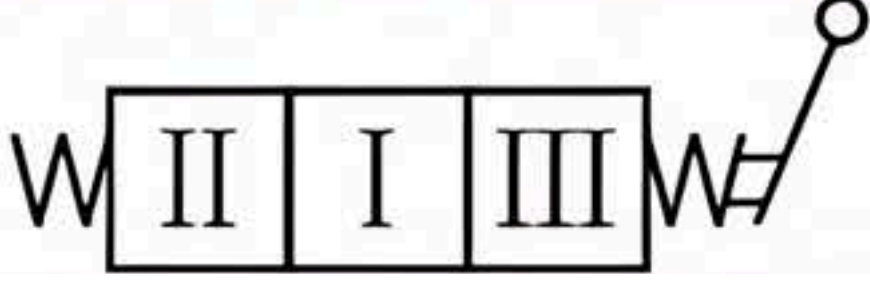
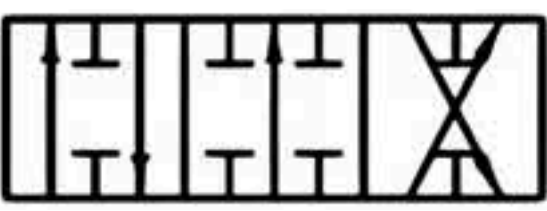
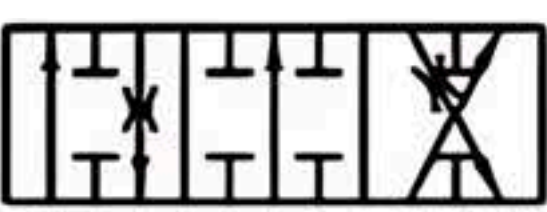
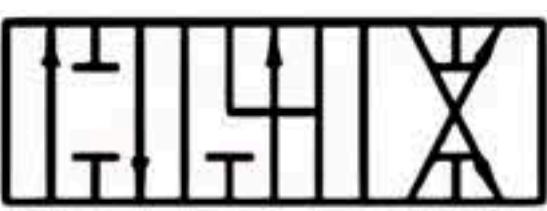
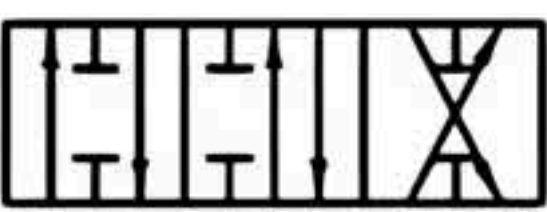


Technical Data

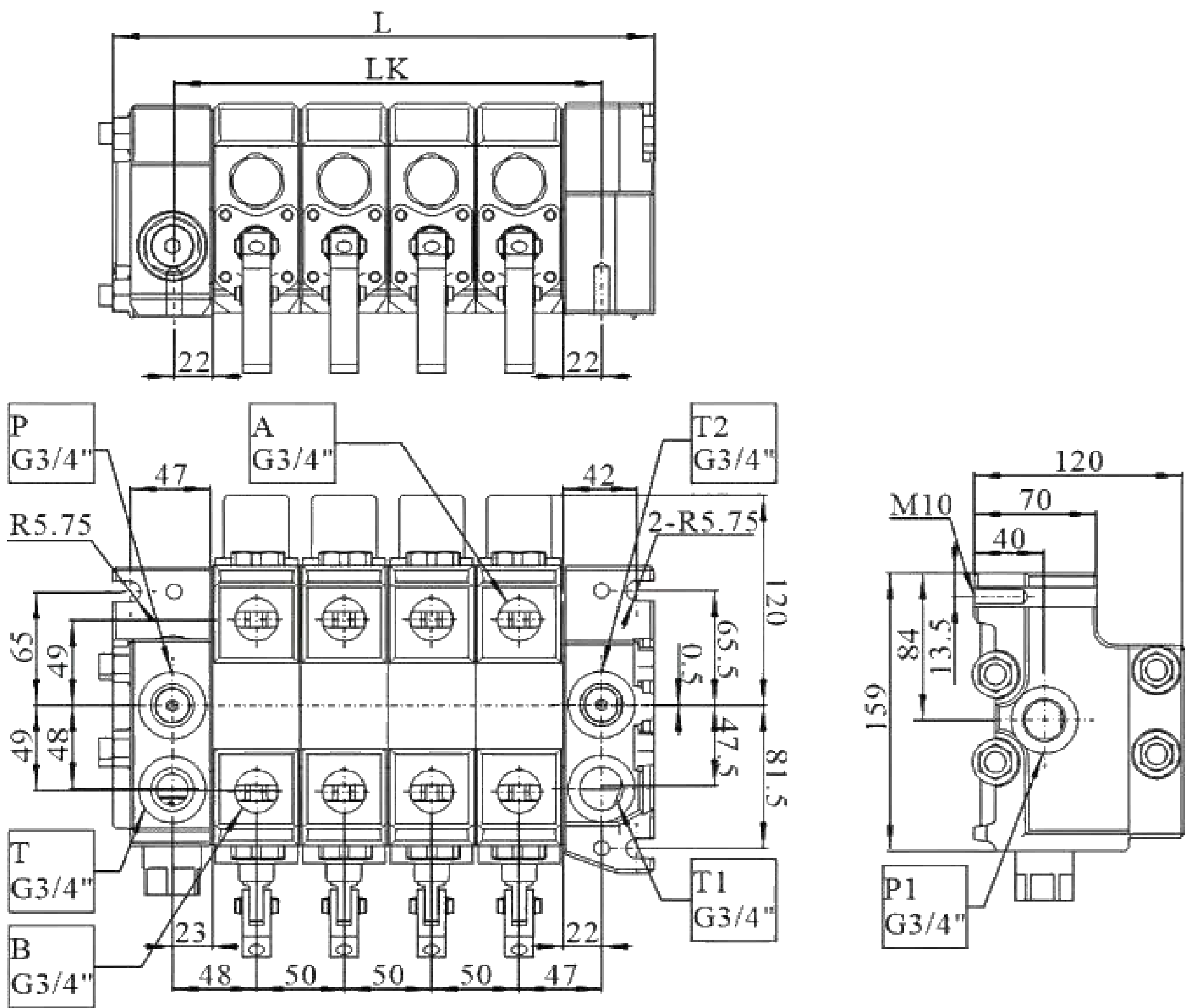
Max continuous working pressure (bar)	Max flow rate (L/min)
320	65

No. of sections	4	6	8
LK (mm)	207	297	387
L (mm)	250	340	430
Weight (Kg)	20	28	36

Spool Form

	Function	Code
	Double Acting Spool	1
	Slewing Spool, Gentle Operating	2
	Motor Spool	3
	Motor Spool B-T	4

◆ 336.4

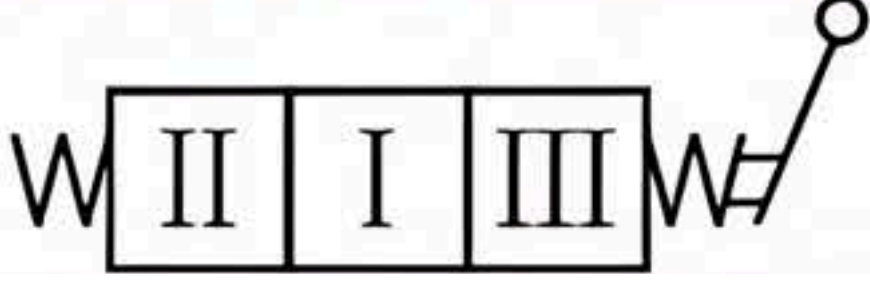
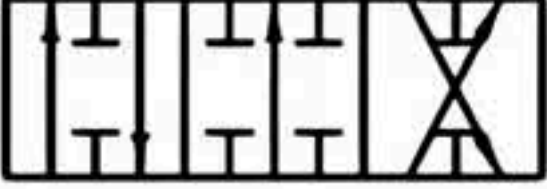
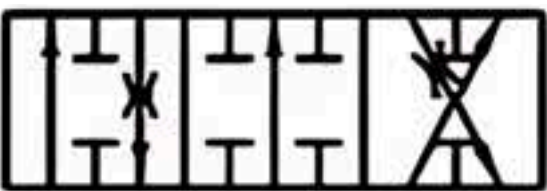


Technical Data

Max continuous working pressure (bar)	Max flow rate (L/min)
300	120

No. of sections	2	4	6
LK (mm)	144	244	344
L (mm)	209	309	409
Weight (Kg)	23	35	47

Spool Form

	Function	Code
	Double Acting Spool	1
	Slewing Spool, Gentle Operating	2
	Motor Spool	3
	Motor Spool B-T	4



The Scanreco Remote Control especially developed for hydraulically driven mobile cranes and machinery.

Advantage of Scanreco Remote Control System :

- The system is a digital remote control system based on an extremely advanced microprocessor technology.
- Scanreco Remote Control offers the driver an extremely advanced remote control system with speed, precision, control and Max. safety.
- The maximum speed of proportional movements can be adjusted using a "turtle/rabbit" toggle switch in five steps.
- Automatic frequency management allows for continuous operation without any interruptions caused by radio interference from other wireless equipment.

Operational time : approx. 10 hours on a single charge,
Operating range : > 100m />~330 ft.
Operational temperature -25°C to +70°C/~-15°F to +160°F

◆ Other products



Remote Control Valve



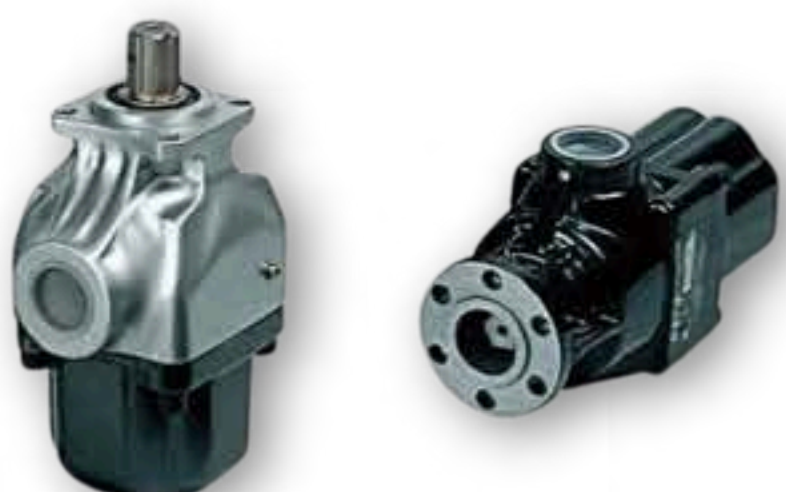
Remote Control



Winch



Rotator



Pump



Balance Valve



Bearings



Seals



⊕ B.S.CRANE

捷成（佛冈）机械制造有限公司

RONG PU INDUSTRIAL ZONE, TANG TANG, FO GANG, 511675, QING YUAN P. P. CHINA

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