



NEW HYDRAULIC CRANE LINE 2025
NOVA LINIJA HIDRAVLIČNIH DVIGAL 2025

LIV K & ZK

Our innovations. Your tomorrow.

since 1967

Tajfun is a global manufacturer of professional equipment for forestry and material handling applications. With decades of expertise, we deliver comprehensive and competitive solutions supported by reliable, high-quality and environmentally responsible products. Our sales network spans more than 50 countries worldwide, backed by efficient service and strong after-sales support. Through state-of-the-art technology, ISO-certified production and continuous innovation, we build equipment that delivers lasting value and performs reliably even in the toughest working environments.

Naše inovacije. Vaša prihodnost.

od leta 1967

Tajfun je globalni proizvajalec profesionalne opreme za gozdarstvo in manipulacijo materiala. Z desetletji izkušenj zagotavljamo celovite in konkurenčne rešitve, podprte z zanesljivimi, kakovostnimi in okolju prijaznimi izdelki. Naša prodajna mreža obsega več kot 50 držav po vsem svetu, podprta z učinkovitim servisom in močno poprodajno podporo. Z najsodobnejšo tehnologijo, ISO certificirano proizvodnjo in stalnimi inovacijami razvijamo opremo, ki zagotavlja dolgoročno vrednost in zanesljivo deluje tudi v najzahtevnejših delovnih pogojih.



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LIFT YOUR HOPES UP.

Tajfun LIV cranes are essential equipment in the forestry and recycling industries. They are designed for wood handling in various logistical movements as well as for loading and unloading bulky scrap and waste at recycling sites. Equipped with innovations from our own development, they focus on efficient operation and operator comfort, with robustness and durability as key features. Our cranes cover a wide range of models with lifting capacities from 67 to 311 kNm and reaches of up to 14.5 m. They ensure easier and more efficient work, flexibility across different tasks and long-term reliability – clear advantages that make investing in Tajfun LIV cranes a smart choice.

DVIGNITE SVOJE UPE.

Dvigala Tajfun LIV so nepogrešljiva oprema v gozdarski in reciklažni industriji. Zasnovana so za manipulacijo z lesom v različnih logističnih procesih ter za nakladanje in razkladanje kosovnega odpadnega materiala na reciklažnih mestih. Dvigala so opremljena z inovacijami, ki so rezultat lastnega razvoja, s poudarkom na učinkovitem delovanju in udobju uporabnika, pri čemer sta robustnost in vzdržljivost ključni lastnosti.

Naša dvigala pokrivajo širok spekter modelov z dvižnimi kapacitetami od 67 do 311 kNm in dosegi do 14,5 metra. Omogočajo lažje in učinkovitejše delo, prilagodljivost pri različnih nalogah ter dolgoročno zanesljivost – jasne prednosti, zaradi katerih je naložba v dvigala Tajfun LIV pametna odločitev.



OVERCOMES THE HEAVIEST LOADS.

KOS NAJTEŽJIM OBREMENITVAM.

Top-quality SSAB steel for safety and exceptional strength.

The Tajfun Liv hydraulic cranes are built with STRENX® steel, providing additional strength and durability, while reducing the total weight.

Za varnost in izjemno moč vrhunsko SSAB jeklo!

Hidravlična dvigala Tajfun Liv so izdelana iz jekla STRENX®, ki zagotavlja dodatno moč in trdnost ter omogoča nižjo skupno težo.



Vsestransko pripravljen.

Odpornost proti mehanskim, kemičnim in vremenskim vplivom ob hkratni vizualni privlačnosti je zagotovljena z vrhunsko tehnologijo zaščite in barvanja.

Versatile and ready.

Resistance to mechanical, chemical, and weather influences, while maintaining visual appeal, is ensured by state-of-the-art protection and painting technology.



UNIFIED DESIGN.

The latest design solutions are adopted towards a uniform, recognizable design for the entire crane group.

POENOTEN DIZAJN.

Najnovešje oblikovalske rešitve so sprejete v smeri enotnega, prepoznavnega dizajna za celotno skupino dvigal.



Precision-welded with advanced Yaskawa robotic technology, every hydraulic boom and crane component meets the highest standards of strength and quality.

Z uporabo napredne robotske tehnologije Yaskawa je vsaka hidravlična roka in vsak sestavni del dvigala natančno zvarjen ter dosega najvišje standarde trdnosti in kakovosti.

Shines at night.

The use of new LED light technology – a set of double lights on the swing-arm and another set on the control module enable 40% more illumination and a more compact design.



Zažari ponoči.

Uporaba nove LED-tehnologije osvetlitve – komplet dvojnih luči na nihajni roki in dodatni komplet na upravljalnem modulu omogočata 40 % boljšo osvetlitev in bolj kompakten dizajn.

PRECISELY ENGINEERED FOR MAXIMUM STRENGTH.

Analyzing for structural reliability.

Each crane is designed with precision engineering and advanced analysis tools to ensure maximum reliability and strength. Using dynamic FEM stress simulations, we eliminate structural weak points already in the design phase.

A high-quality butt weld between the column and base, ultrasonically tested for perfect integrity, ensures the structure behaves as one solid piece and delivers superior resistance to dynamic loads. The cast-steel lower column provides exceptional durability, while the double slewing system, which is immersed in an oil bath, guarantees smooth and safe operation even on the most challenging terrain.

NATANČNO ZASNOVANO ZA MAKSIMALNO TRDNOST.

Analizirano za konstrukcijsko zanesljivost.

Vsako dvigalo je zasnovano z natančnim inženirskim pristopom in z uporabo naprednih analiznih orodij, ki zagotavljajo največjo zanesljivost in trdnost. Z uporabo dinamične analize napetosti MKE, že v fazi načrtovanja odpravimo konstrukcijske šibke točke.

Visokokakovosten soležni zvar med stebrom in podstavkom, je ultrazvočno preizkušen za popolno strukturno celovitost in zagotavlja, da se konstrukcija obnaša kot enovit kos. Nudi izjemno odpornost na dinamične obremenitve. Spodnji del stebra iz jeklenega odlitka zagotavlja izjemno vzdržljivost, medtem ko dvojni obračalni sistem, ki je potopljen v oljno kopel, omogoča gladko, varno in zanesljivo delovanje tudi na najzahtevnejših terenih.



Advanced Hydraulics.

Load-sensing system with variable pump and Danfoss valves for smoother, faster, and 20–50% lower fuel use.

The variable hydraulic system significantly extends the service life of the hydraulic components and oil due to the reduced heating of the hydraulic system.



Napredna hidravlika.

Load-sensing sistem z variabilno črpalko in ventili Danfoss zagotavlja bolj gladko, hitrejše in natančnejše delovanje ter 20–50 % manjšo porabo goriva.

Variabilni hidravlični sistem zaradi manjšega segrevanja hidravličnega sistema bistveno podaljšuje življenjsko dobo hidravličnih komponent in olja.



LONGEVITY EVEN UNDER PRESSURE.

DOLGOŽIVOST TUDI POD PRITISKOM.

Thoughtful protection.

Hose protection on the column – the hydraulic hoses run from the distributor to the lifting arm on the seat module under the cover, providing the operator with maximum protection from them.

Premišljena zaščita.

Zaščita cevi na stebru – cevi prehajajo iz razvodnika na dvižno roko na sedežnem modulu pod pokrovom tako, da je operater kar najbolj zaščiten pred njimi.

Hydraulic hoses are also integrated into the arms on the bridge, preventing potential damage during transport.

Hidravlične cevi so integrirane tudi v roke mosta kar prepreči morebitne poškodbe med transportom.

Instead of bushings, joint bearings are installed in the cylinders, significantly extending the lifespan of this sensitive assembly.

Integrated hydraulics.

Hydraulic hoses are integrated into the lifting and swinging arm. The removable lid on the swing arm allows easy access to the hoses and their quick and easy replacement.

Smooth guidance.

Smooth boom guidance is ensured by side guides made of high-quality material. They are easily adjustable for optimal control.

Even more advanced features.

The unique placement of the hydraulic hoses from the valve to the crane column provides better protection and reduces potential damage during transport. The swiveling connections of the hydraulic hoses ensure the flexibility of the entire hose bundle, thus extending its lifespan.



Še več tehnološko naprednih rešitev.

Edinstvena umestitev hidravličnih cevi od ventila do podstavka dvigala pripomore k boljši zaščiti in zmanjšanju morebitnih poškodb med transportom.

Vrtljivi priključki hidravličnih cevi zagotavljajo fleksibilnost celotnega snopa cevi in s tem daljšo življenjsko dobo.



Povečan premer hidravličnih vodov za večjo hitrost funkcij grabeža, rotatorja, dviganja in teleskopa. To zagotavlja manjše padce tlaka v cevovodih in manj segrevanja olja.

Increased diameter of hydraulic lines for higher speed of the grapple, rotator, lift, and telescopic functions. This ensures lower pressure drops in the pipelines and less oil heating.

Namesto puš so v cilindre vgrajeni zglobni ležaji, kar občutno podaljša življenjsko dobo tega občutljivega sklopa.

Integrirana hidravlika.

Hidravlične cevi so integrirane v dvižni in nihajni roki. Za njihovo zaščito poskrbi snemljiv pokrov, ki omogoča enostaven dostop do cevi ter njihovo hitro in preprosto zamenjavo.

Gladko vodenje.

Gladko vodenje teleskopskih rok omogočajo bočna vodila iz kvalitetnega materiala in so enostavno nastavljiva za optimalno vodenje.



NEW, UNIQUE AND PATENTED CONCEPT OF THE BASE.

To improve durability and simplify crane mounting configurations, we developed an innovative, modular cast base made of three main structural parts. Thanks to its optimized geometry, achieved through casting rather than welding, the base is free of residual stresses in critical areas – ensuring long-term strength and structural integrity.

Greater stability, dual capabilities.

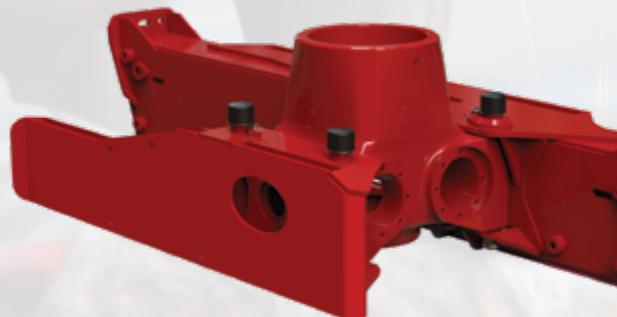
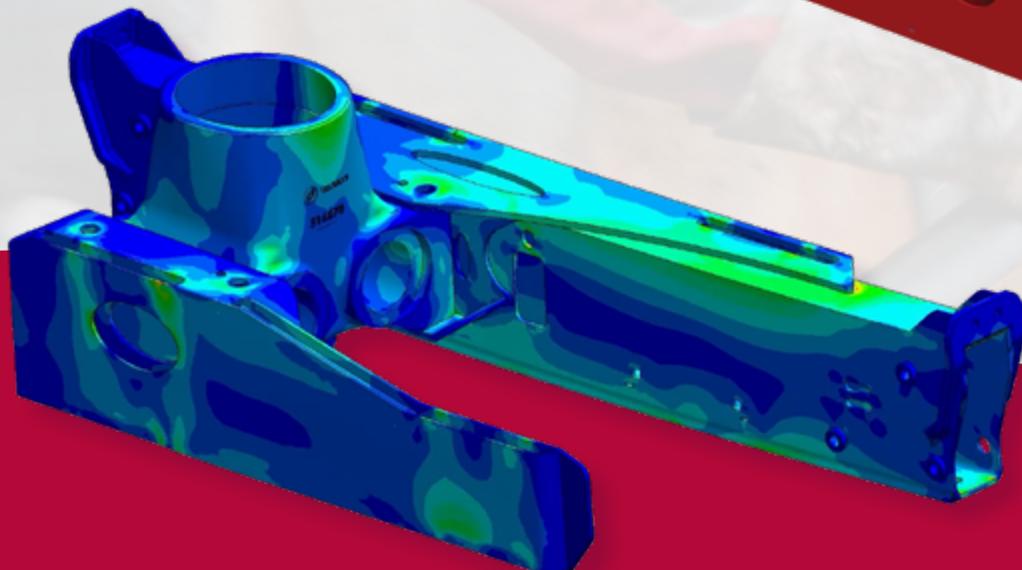
A new concept for the base allowing the single and double extension of outriggers. A redesigned joint between the central part of the base and the bridge – fewer critical points.

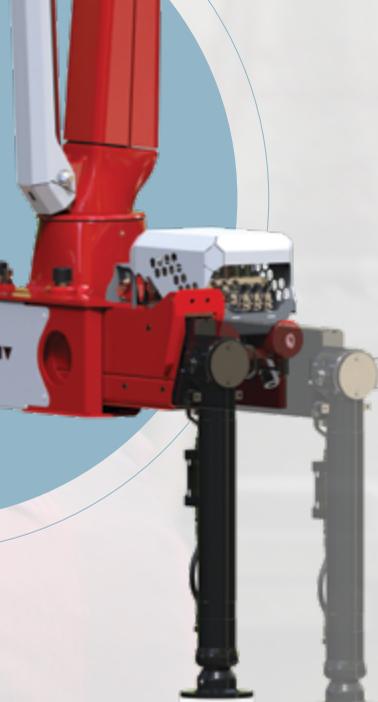
One base, multiple setups.

Designed for real-world flexibility, the cast base enables quick conversion between single or double stabilizer bridges and left or right mounting. This modular approach improves structural balance, adapts to different chassis configurations and reduces downtime during service, as only the necessary part is replaced.

Cast to endure.

Stress visualization highlights how casting eliminates internal tension in high-load area, something welded structures can't match. Tested under real dynamic and fatigue loads, the cast base delivers proven strength and long-term reliability.





NOV, EDINSTVEN IN PATENTIRAN KONCEPT PODSTAVKA.

Za izboljšano vzdržljivost in poenostavljeno namestitev dvigala smo razvili inovativen, modularen uliti podstavek, sestavljen iz treh glavnih nosilnih delov. Zahvaljujoč optimizirani geometriji, doseženi z litjem namesto z varjenjem, je podstavek brez zaostalih napetosti na kritičnih mestih, kar zagotavlja dolgotrajno trdnost in strukturno celovitost.

Večja stabilnost, dvojne zmožnosti.

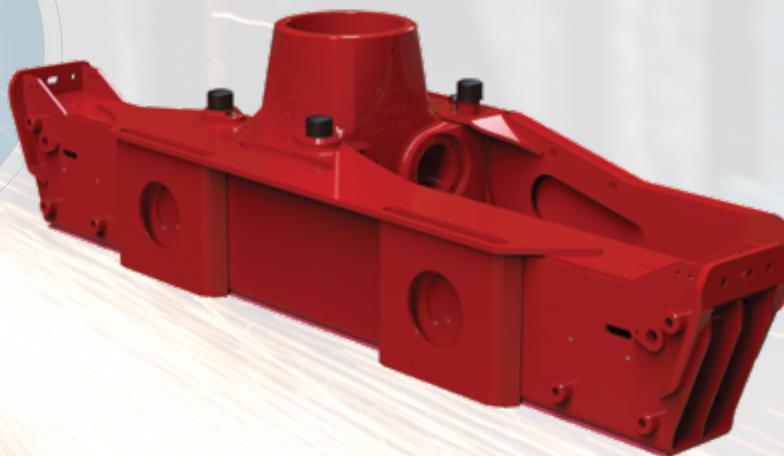
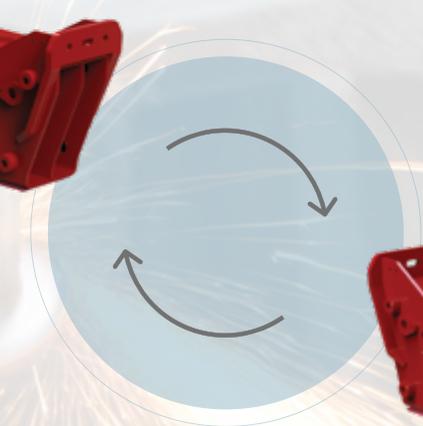
Nov koncept podstavka z možnostjo enojnega ali dvojnega iztega rok stabilizatorjev. Uporaba novega sistema povezovanja mostu in srednjega dela podstavka v izogib kritičnim točkam.

Ena osnova, več možnosti.

Zasnovan za prilagodljivost v realnih pogojih uporabe, uliti podstavek omogoča hitro preureditev med enojnimi ali dvojnimi mostovi stabilizatorjev ter levo ali desno namestitvijo. Ta modularni pristop izboljša porazdelitev teže, se prilagaja različnim šasijam in skrajšuje čas servisiranja, saj je treba zamenjati le poškodovani del.

Ulito za vzdržljivost.

Vizualizacija napetosti prikazuje, kako litje učinkovito odpravlja notranje napetosti na najbolj obremenjenih delih – kar pri varjenih konstrukcijah ni mogoče doseči v enaki meri. Podstavek je preizkušen pod dejanskimi dinamičnimi in ponavljajočimi obremenitvami ter dokazuje svojo zanesljivost in dolgotrajno moč.



FULLY CUSTOMIZED CONTROL.

POPOLNOMA PRILAGOJEN NADZOR.

Choose the one that best suits your needs among multiple crane control options.

Med večimi možnostmi upravljanja dvigala lahko izberete način, ki najbolj ustreza vašim potrebam.



Mechanical control:

- with two cross levers or
- with four linear levers and two pedals (Danfoss).

Mehansko krmiljenje:

- z dvema križnima ročicama ali
- s štirimi linearnimi ročicami in dvema pedaloma (Danfoss).



Precise control of stabilizers is enabled by Danfoss electro-hydraulic valves or via the new control console on the seat module.

Protected controls.

The new integrated control system on the base ensures easy maintenance. The protective lid protects the control system from adverse weather conditions and possible mechanical damage.



Electro-proportional control:

- with Scenreco remote control or
- with sealed, weather-resistant Danfoss joysticks and customizable settings for up to three user profiles.

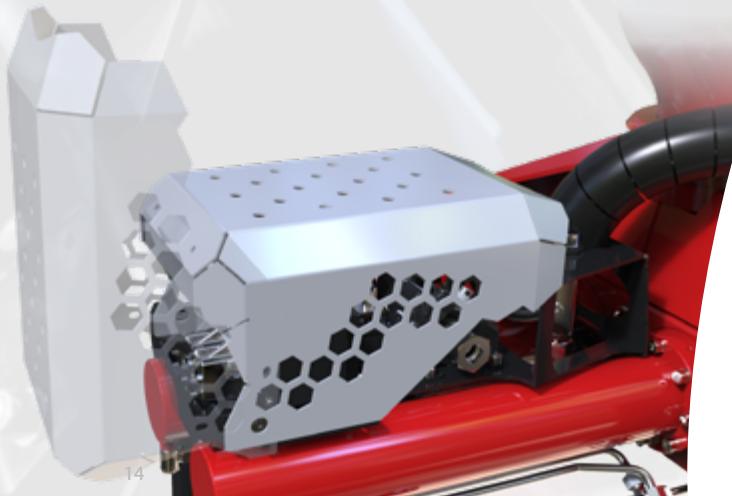
Elektro-proporcionalno krmiljenje:

- z daljinskim upravljanjem Scenreco ali
- z zatesnjenimi, vremensko odpornimi joysticki Danfoss z nastavljivimi parametri za do treh uporabniških profilov.

Natančno upravljanje stabilizatorjev je omogočeno preko Danfossovih elektrohidravličnih ventilov ali preko nove upravljalne konzole na sedežnem modulu.

Zaščiteno upravljanje.

Nov integriran upravljalni sistem na podstavku omogoča enostavno servisiranje. Zaščitni pokrov ga ščiti pred negativnimi vremenskimi vplivi in morebitnimi mehanskimi poškodbami.



SMART CONTROL. SMARTER CRANE.

Tajfun SMART PAD

Developed with a touchscreen interface and Android software, our advanced control console improves crane efficiency and safety. It supports automation, IoT connectivity and remote access, enabling precise operation, real-time system insight and better overall performance.



CONTROL BOX Comfort that ensures precision.

The spring-loaded seat module - Control Box ensures more comfort. It provides transparent crane control and complete movement control.

Servocontrols for ControlBox:

- 2x hydraulic joysticks and 2 foot pedals,
- 4x linear levers and 2 pedals,
- 5x linear levers and 1 pedal,
- 6x linear lever (Parker).

PAMETNO UPRAVLJANJE. PAMETNEJŠE DVIGALO.



Tajfun SMART PAD

Razvita z zaslonom na dotik in programsko opremo Android, naša napredna nadzorna konzola izboljšuje učinkovitost in varnost pri upravljanju dvigala. Podpira avtomatizacijo, povezljivost z IoT in oddaljen dostop ter omogoča natančno delovanje, vpogled v sistem v realnem času in boljšo splošno zmogljivost.

CONTROL BOX Udobje, ki omogoča natančnost.

Vzmeten sedežni modul - Control Box poskrbi za več udobja. Zagotovi pregledno upravljanje dvigala in popoln nadzor nad gibi.

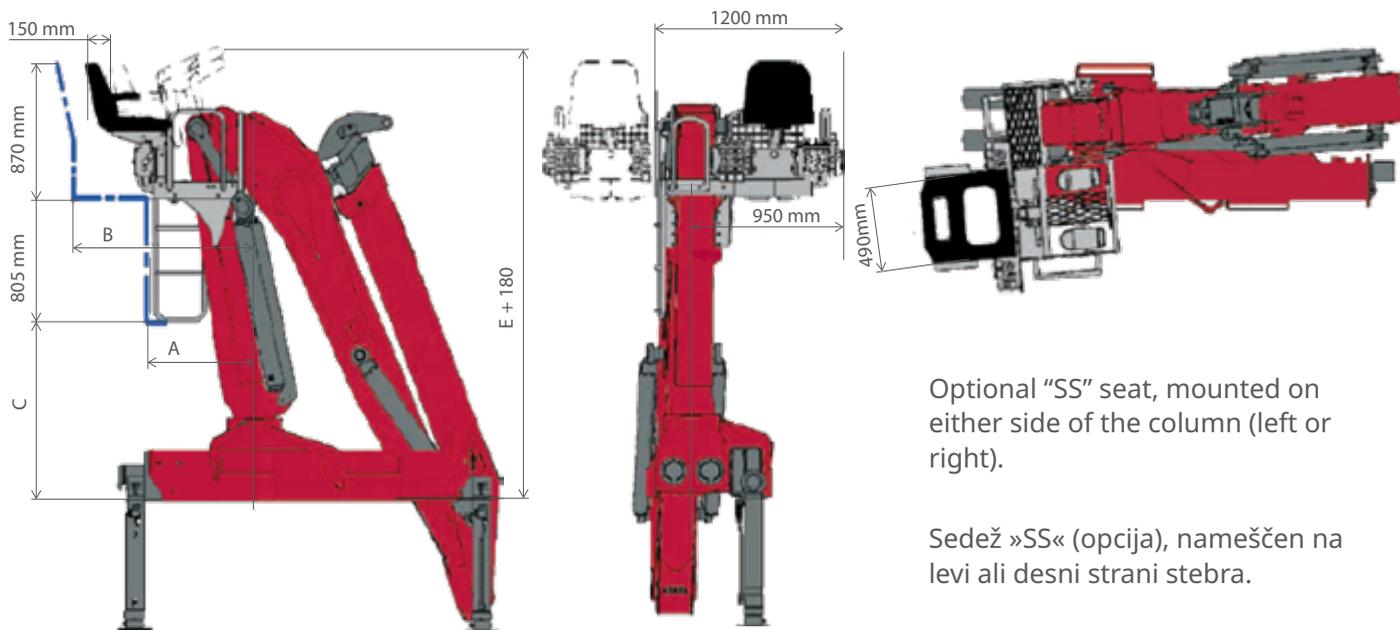
Servokrmiljenje za ControlBox:

- 2 hidravlična joysticka in 2 nožna pedala,
- 4 linearne ročice in 2 pedala,
- 5 linearnih ročic in 1 pedal,
- 6 linearnih ročic (Parker).

Tajfun SMART PAD



TOP-SEAT "SS" / SEDEŽ "SS"



Optional "SS" seat, mounted on either side of the column (left or right).

Sedež »SS« (opcija), nameščen na levi ali desni strani stebra.

	A (mm)	B (mm)	C (mm)	D (mm)
LIV 70ZK	660	1135	1120	2810
LIV 90ZK	705	1175	1140	2830
LIV 120ZK	1440	2570	995	2630
LIV 120ZK2	1475	2600	940	2575
LIV 120ZK3	1475	2600	940	2575
LIV 130ZK	1440	2570	995	2630
LIV 130ZK2	1475	2600	940	2575
LIV 130ZK3	1475	2600	940	2575
LIV 155ZK	1480	2600	1075	2710
LIV 155ZK2	1480	2600	1075	2710
LIV 155ZK3	1480	2600	1075	2710
LIV 180ZK	1480	2600	1075	2710
LIV 180ZK2	1480	2600	1075	2710
LIV 180ZK3	1480	2600	1075	2710
LIV 210ZK	1480	2600	1075	2710
LIV 210ZK2	1480	2600	1075	2710
LIV 210ZK3	1480	2600	1075	2710

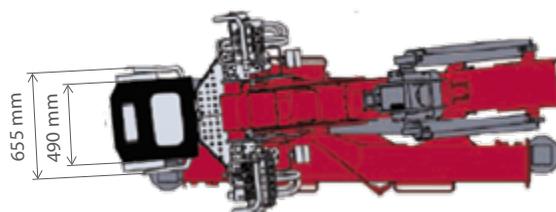
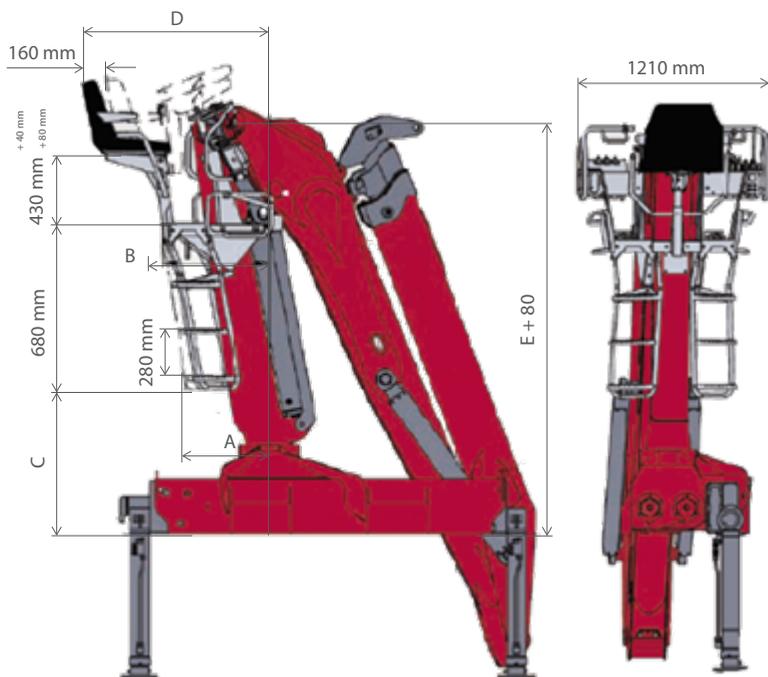
	A (mm)	B (mm)	C (mm)	E (mm)
LIV 120K	1290	2445	1030	2665
LIV 120K3	1295	2445	885	2520
LIV 130K	1290	2445	1030	2665
LIV 130K3	1295	2445	885	2520
LIV 230, 270K	605	1060	1035	2720
LIV 320K	535	1108	910	2545

The top seat can be equipped with a protective weather hood (shelter) which folds over the operator's head and protects him against rain, snow, wind or strong sunlight.

Zložljiv nadstrešek za pritrditev na sedežni modul uporabniku nudi zaščito pred dežjem, snegom, vetrom ali močnim soncem.



TOP-SEAT "P" / SEDEŽ "P"



Top-seat "P" is rear-mounted top-seat (optional).

Sedež »P« je zadnje nameščen zgornji sedež (opcija).

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LIV 70ZK	453	591	800	1075	250	240
LIV 90ZK	505	640	860	1122	2700	300
LIV 120ZK	1195	1125	820	2320	2565	255
LIV 120ZK2	1240	1170	765	2365	2510	255
LIV 120ZK3	1240	1170	765	2365	2510	255
LIV 130ZK	1195	1125	820	2320	2565	255
LIV 130ZK2	1240	1170	765	2365	2510	255
LIV 130ZK3	1240	1170	765	2365	2510	255
LIV 155ZK	1280	1210	895	2405	2640	250
LIV 155ZK2	1280	1210	895	2405	2640	250
LIV 155ZK3	1280	1210	895	2405	2640	250
LIV 180ZK	1280	1210	895	2405	2640	250
LIV 180ZK2	1280	1210	895	2405	2640	250
LIV 180ZK3	1280	1210	895	2405	2640	250
LIV 210ZK	1280	1210	895	2405	2640	250
LIV 210ZK2	1280	1210	895	2405	2640	250
LIV 210ZK3	1280	1210	895	2405	2640	250

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LIV 120K	1065	980	850	2175	2610	-
LIV 120K3	1035	945	710	2135	2450	-
LIV 130K	1065	980	850	2175	2610	-
LIV 130K3	1035	945	710	2135	2450	-
LIV 230, 270K	498	661	814	1002	2565	267
LIV 320K	496	659	873	999	2624	278

CABIN / KABINA

The spacious and comfortable cabin provides superior visibility.

Prostorna in udobna kabina zagotavlja izjemno vidljivost.

Standard equipment

- Front and side door, both lockable
- Sliding windows on both sides
- 4 powerfull LED spot lights
- Interior lighting
- Windscreen wiper
- Roll-up windscreen protection cover for front door
- Radio stereo with MP3 player and USB port
- Cup holder
- Socket in cabin, 12 V power outlet
- Arm rests are adjustable
- Sound insulation
- Manual control with two cross levers or four linear levers and pedals or electro hydraulic controls with joysticks.



The comfortable top-seat with armrests allows the user to operate transparently and safely.

Optional equipment

- Webasto diesel heating sytem with stage fan, with remote control
- Air condition mounted on the roof, with stage ventilator
- Truck engine start / stop and RPM +/- control from cabin
- Hultdins hydraulic damping is available for rotation and lifting cylinders and it enables smooth and comfortable work. It dampens vibrations and reduces pressure peaks in the hydraulic system.



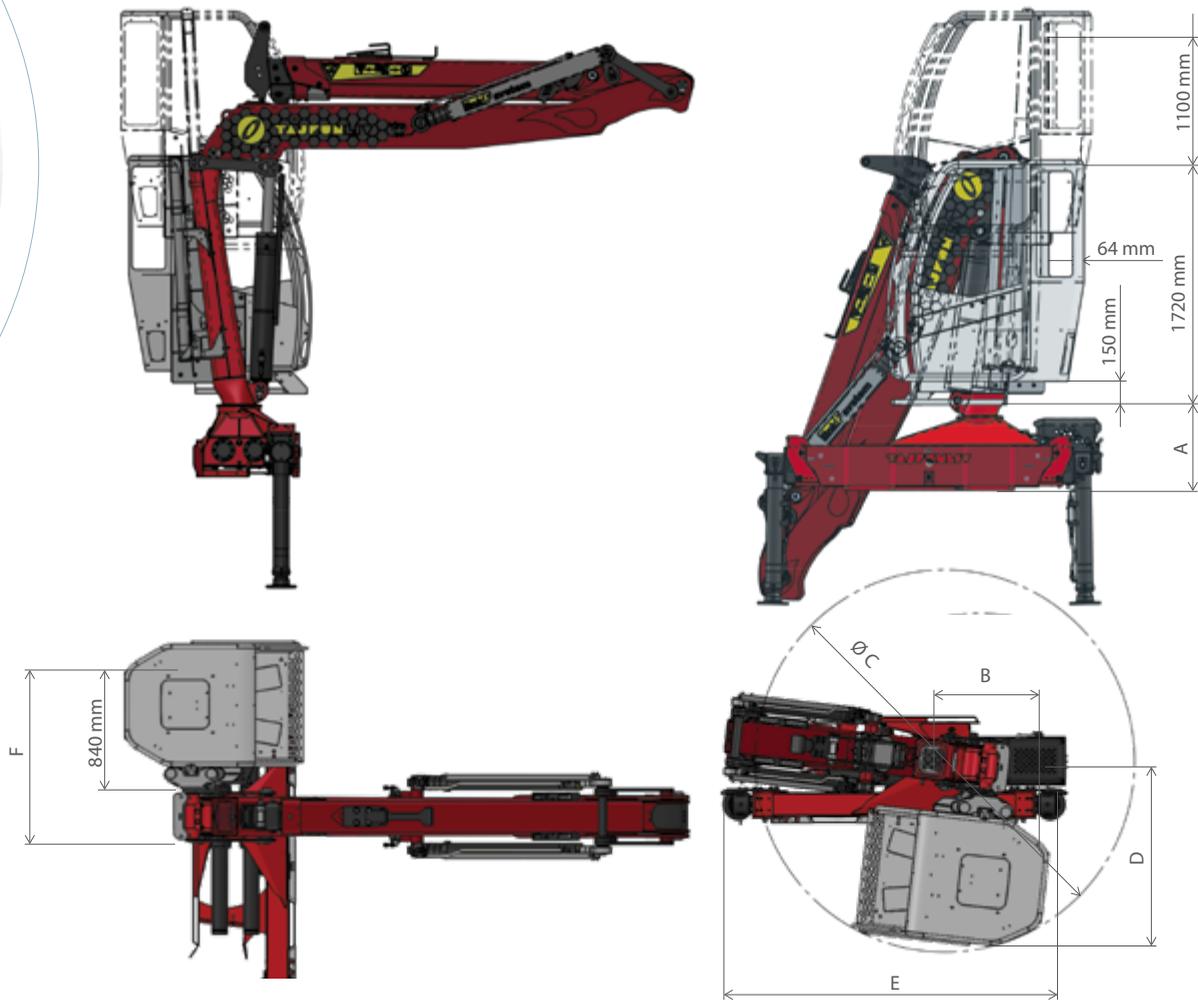
Standardna oprema:

- Prednja in stranska vrata z možnostjo zaklepanja
- Drsna okna na obeh straneh
- 4 močne LED luči
- Notranja osvetlitev
- Brisalec vetrobranskega stekla
- Senčnik (roll-up) za sprednja vrata
- Radio z MP3 playerjem in USB priklopom
- Držalo za steklenico / skodelico
- Vtičnica (12 V)
- Zvočna izolacija
- Naslonjalo za roke
- Mehansko upravljanje z dvema križnima ali štirimi linearnimi ročicami in dvema pedaloma ali elektro-hidravlično upravljanje z dvema joystickoma

Udoben sedež z naslonoma za roki omogoča uporabniku pregledno in varno upravljanje.

Opcijska oprema

- Webasto dizelski ogrevalni sistem z ventilatorjem, z daljinskim upravljanjem
- Klimatska naprava, nameščena na strehi, s stopenjsko ventilacijo
- Zagon / zaustavitev motorja tovornjaka in RPM +/- nadzor iz kabine
- Hidravlično blaženje Hultdins je na voljo za funkciji obračanja in dvigovanja. Zagotavlja tekoče in udobno delo, minimizira vibracije in preprečuje prekomerno naraščanje tlaka v hidravličnem sistemu.



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LIV 120ZK	630	750	2760	1305	2370	1280
LIV 120ZK2	630	750	2760	1305	2370	1280
LIV 120ZK3	630	750	2760	1305	2370	1280
LIV 130ZK	630	750	2760	1305	2370	1280
LIV 130ZK2	630	750	2760	1305	2370	1280
LIV 130ZK3	630	750	2760	1305	2370	1280
LIV 155ZK	775	920	2760	1325	2545	1285
LIV 155ZK2	775	920	2760	1325	2545	1285
LIV 155ZK3	775	920	2760	1325	2545	1285
LIV 180ZK	775	920	2760	1325	2545	1285
LIV 180ZK2	775	920	2760	1325	2545	1285
LIV 180ZK3	775	920	2760	1325	2545	1285
LIV 210ZK	775	920	2760	1325	2545	1285
LIV 210ZK2	775	920	2760	1325	2545	1285
LIV 210ZK3	775	920	2760	1325	2545	1285

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LIV 120K	780	650	2800	1210	2430	1235
LIV 120K3	715	750	2750	1275	2470	1275
LIV 130K	780	790	2930	1270	2460	1280
LIV 130K3	715	750	2750	1275	2470	1275
LIV 230, 270K	640	755	2780	1300	2520	1300

TAJFUN LIV GRAPPLES

Tajfun LIV grapples are the result of our own development and production. Combining the properties of strength and resistance in addition to fast, smooth and efficient work is what makes the Tajfun Liv grapple a real helper when loading and unloading timber.

TAJFUN LIV GRABEŽI

Grabeži Tajfun LIV so plod lastnega razvoja in proizvodnje. Izjemna moč in vzdržljivost v kombinaciji s hitrim, tekočim in učinkovitim delovanjem so tiste lastnosti, zaradi katerih so Tajfun LIV-ovi grabeži prava izbira pri nalaganju in razlaganju hlodovine.

Built for durability.

- Both the casing and the jaws are made of high strength durable steel.
- Optimal design of grapple jaws.
- High quality welded joints.
- Bronze bushes with greasing channels.
- Effective damping at the end position of the grapple cylinder.



Zasnovani za vzdržljivost.

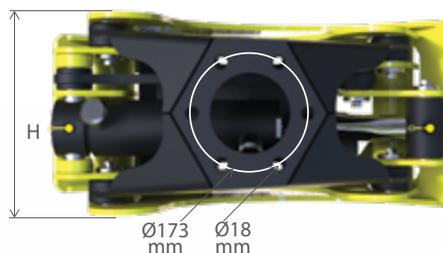
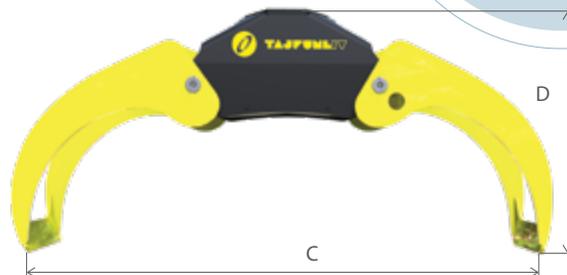
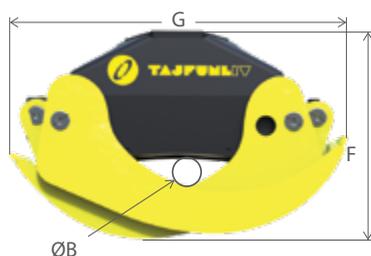
- Ohišje in čeljusti so narejeni iz vrhunskega, močnega jekla.
- Optimalna oblika čeljusti grabeža.
- Visoko kakovostno varjeni spoji.
- Kakovostne bronaste puše z možnostjo podmazovanja.
- Učinkovito blaženje v končnem položaju cilindra grabeža.



Strong and resistant - ideal for transporting timber!

Močni in trpežni - idealni za transport hlodovine!

	GO-026X	GO-037X	GO-043X	GO-053X	GO-053
A _{nom}	0,26 m ²	0,36 m ²	0,41 m ²	0,51 m ²	0,53 m ²
B	0,085 m	0,11 m	0,115 m	0,16 m	0,15 m
C	1,51 m	1,75 m	1,86 m	2,07 m	2,26m
D	0,72 m	0,83 m	0,91 m	0,85 m	0,93 m
E	0,87 m	0,98 m	1,07 m	1,12 m	1,16 m
F	0,51 m	0,58 m	0,63 m	0,68 m	0,69 m
G	0,81 m	0,94 m	1,02 m	1,1 m	1,1 m
H	0,4 m	0,45 m	0,49 m	0,49 m	0,49 m



GO-026X GO-037X GO-043X GO-053X GO-053

Opening time at 50 l/min / Čas odpiranja pri pretoku 50 l/min	1,8 s	1,8 s	2,1 s	2,1 s	2,4 s
Closing time at 50 l/min / Čas zapiranja pri pretoku 50 l/min	1,7 s	2,7 s	3,1 s	3,1 s	3 s
Gripping force / Sila stiskanja	14,4 kN	19,4 kN	20 kN	18 kN	18,5 kN
Max. operating pressure / Največji obratovalni tlak	23 MPa	23 MPa	23 MPa	23 MPa	23 MPa
Max. load / Nosilnost	40 kN	40 kN	50 kN	50 kN	90 kN
Weight / Teža	155 kg	215 kg	245 kg	260 kg	340 kg



POLYP GRAPPLES

A new polyp grapple of our own development for working with hydraulic cranes in handling secondary raw and waste materials.

POLIPNI GRABEŽI

Nov polip lastnega ravoja za delo s hidravličnimi dvigali pri manipulaciji s surovinami, kosovnim in razsutim materialom.

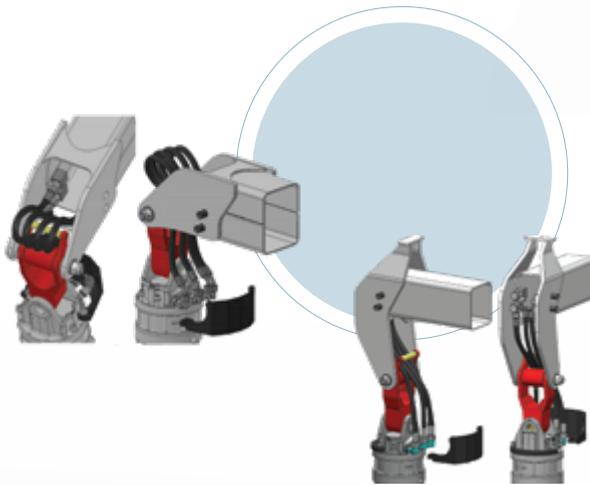


Strenght in every aspect.

- Robust Design
- Vital components are made of high-strength steel.
- The grapple structure is designed to protect key elements from damage.
- Easy to maintain and service.

Moč v vsakem pogledu.

- Robustna zasnova
- Ključni sestavni deli so izdelani iz visokotrdnostnega jekla.
- Konstrukcija grabeža je zasnovana tako, da ščiti ključne elemente pred poškodbami
- Enostavno vzdrževanje in servisiranje.



The hydraulic hoses run from the crane tip through the link to the rotator and are well protected by a special metal shield.

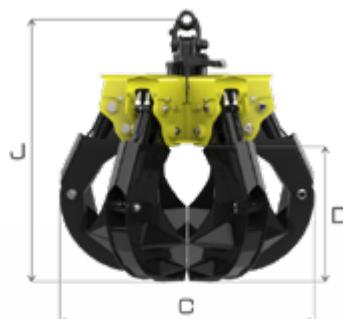
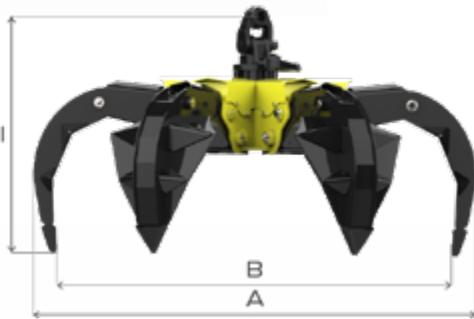
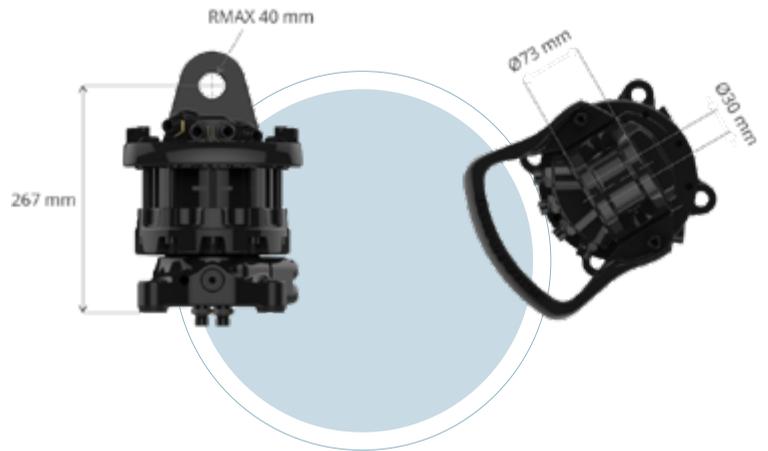
Hidravlične cevi so preko posebnega zgloba speljane do rotatorja. Pred poškodbami jih varuje kovinska zaščita.



Fast, smooth and efficient work!

Hitro, tekoče in učinkovito delo!

	PO-250 6X	PO-300 6X
A (mm)	1730	1683
B (mm)	1553	1505
C (mm)	1112	1103
D (mm)	594	674
E (mm)	1550	1682
F (mm)	474	488
G (mm)	113	sym
H (mm)	250	sym
I (mm)	811	790
J (mm)	1017	1082



PO-250 6X

PO-300 6X

Capacity / Kapaciteta	250 l	300 l
Tines / Zobje	6	6
Max load / Nosilnost	2 t	2,5 t
Closing force / Sila stiskanja	14 kN	15 kN
Max. Pressure / Največji obratovalni tlak	250 bar	320 bar
Max. Recommended oil flow / Priporočen pretok	70 l/min	80 l/min
Weight / Teža	358 kg	395 kg



TAJFUN LIV ZK SERIES / SERIJA

Efficiency in motion.

Učinkovitost v gibanju.

LINK F - Patented Solution

The LIV ZK cranes are pioneers on the market with our advanced and patented "linkF" mechanism, which increases power and lifting capability up to 20% in the extended position. This enables easier and faster loading and unloading of cargo and significantly increasing work productivity. We offer a single or double extension of the telescopic arm for versatile functionality.



LINK F - Patentirana rešitev

Dvigala LIV ZK so pionirji na trgu z našim naprednim in patentiranim mehanizmom "linkF", ki povečuje moč in dvižno zmogljivost do 20% v iztegnjenem položaju. To omogoča lažje in hitrejše natovarjanje in raztovarjanje tovora ter znatno poveča produktivnost dela. Omogočamo enojno ali dvojno razširitev teleskopske roke za vsestransko funkcionalnost.



Strength from within.

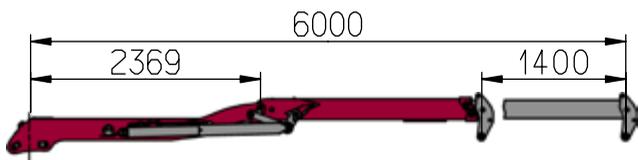
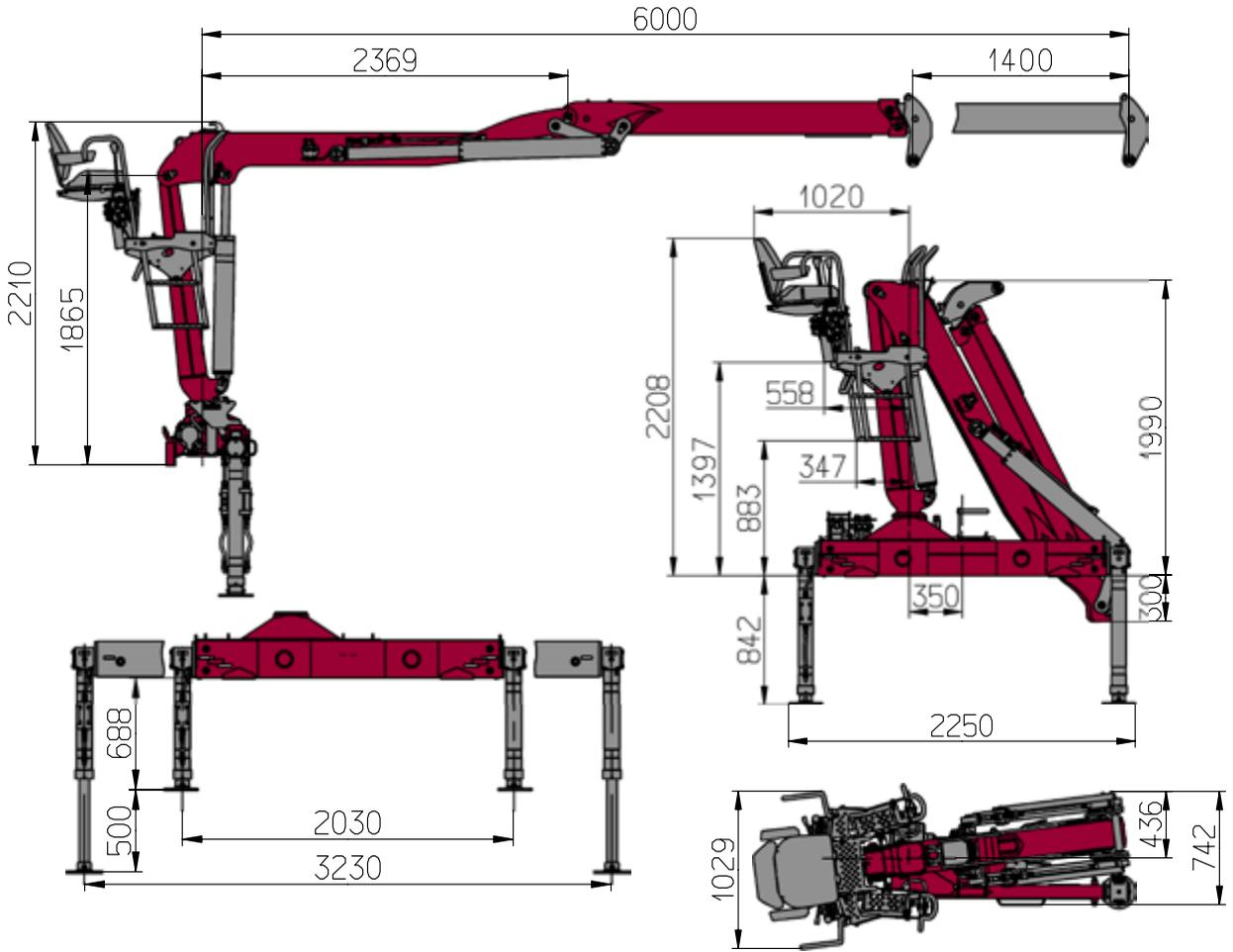
The outer boom is internally reinforced, giving the crane a clean, streamlined look while ensuring greater structural strength and long-term durability.

Notranja moč.

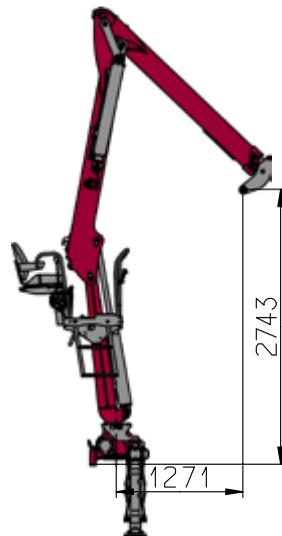
Dvižna roka je notranje ojačana, kar dvigalu daje čist in eleganten videz ter hkrati zagotavlja večjo konstrukcijsko trdnost in dolgo življenjsko dobo.



TAJFUN LIV 40ZK

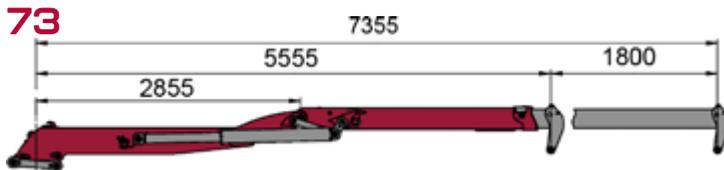
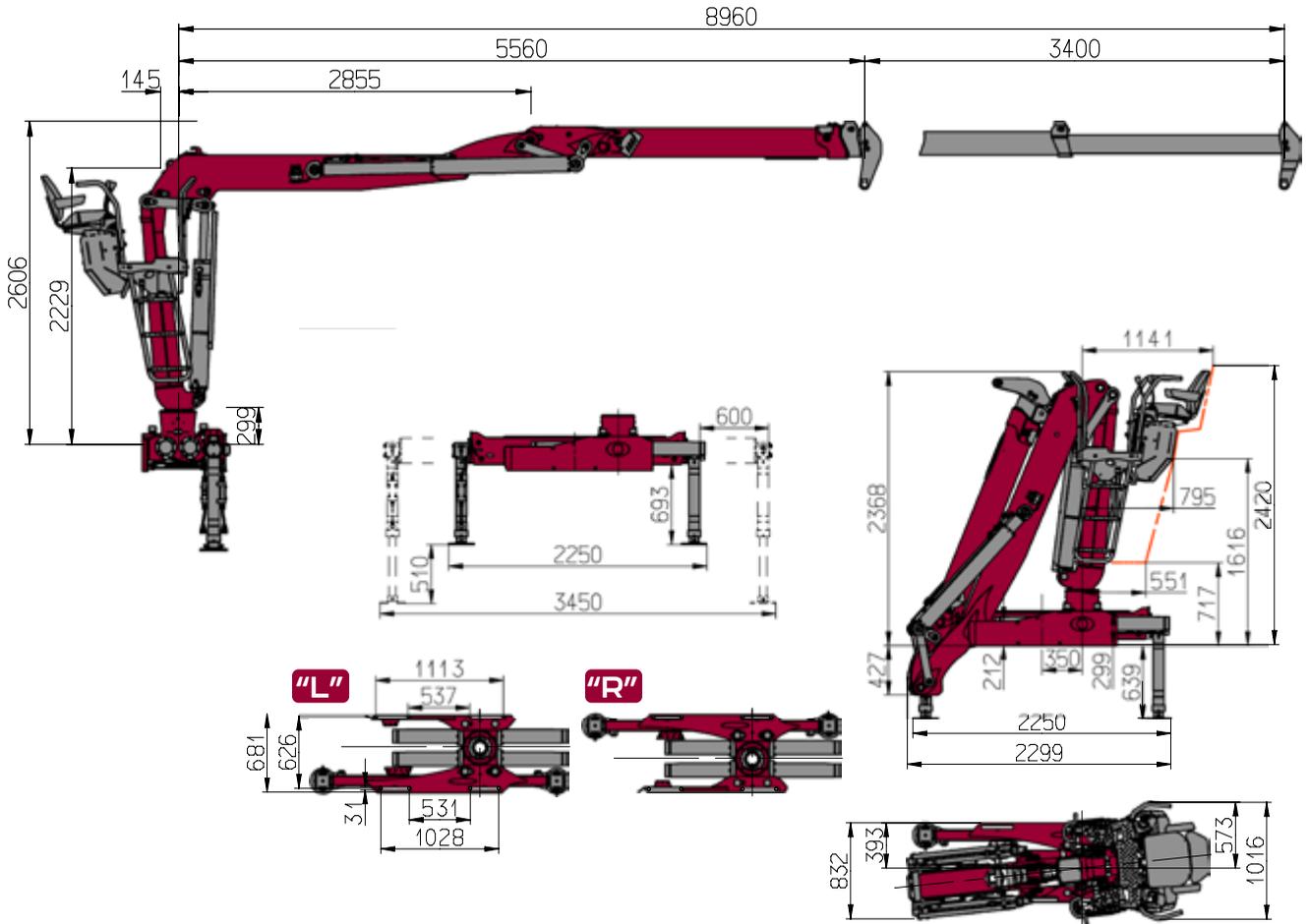


	m	4	5	6
LIV 40ZK.60	kg	995	780	640

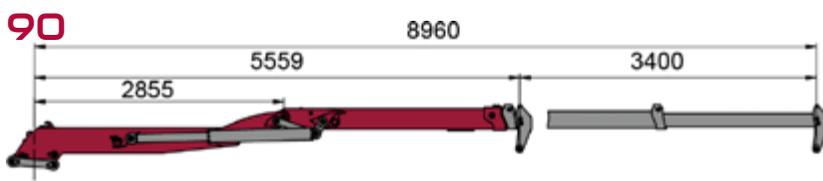


LIV	T _m		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
40ZK.60	39	365	30 - 50	21	6000	10	1400	1050

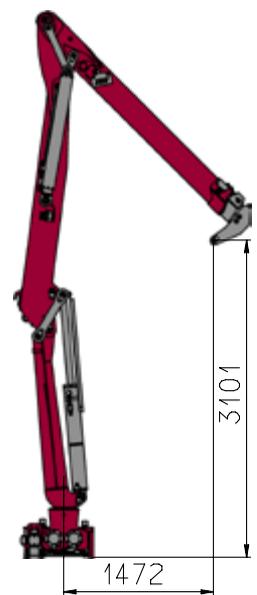
TAJFUN LIV 70ZK



	m	3	4	5	6	7
LIV 70ZK.73	kg	2400	1810	1430	1200	980

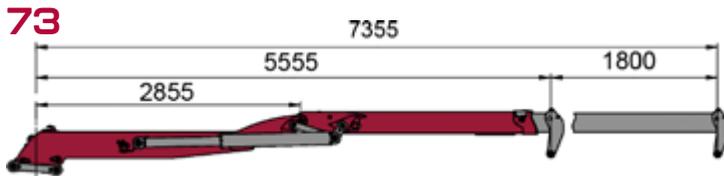
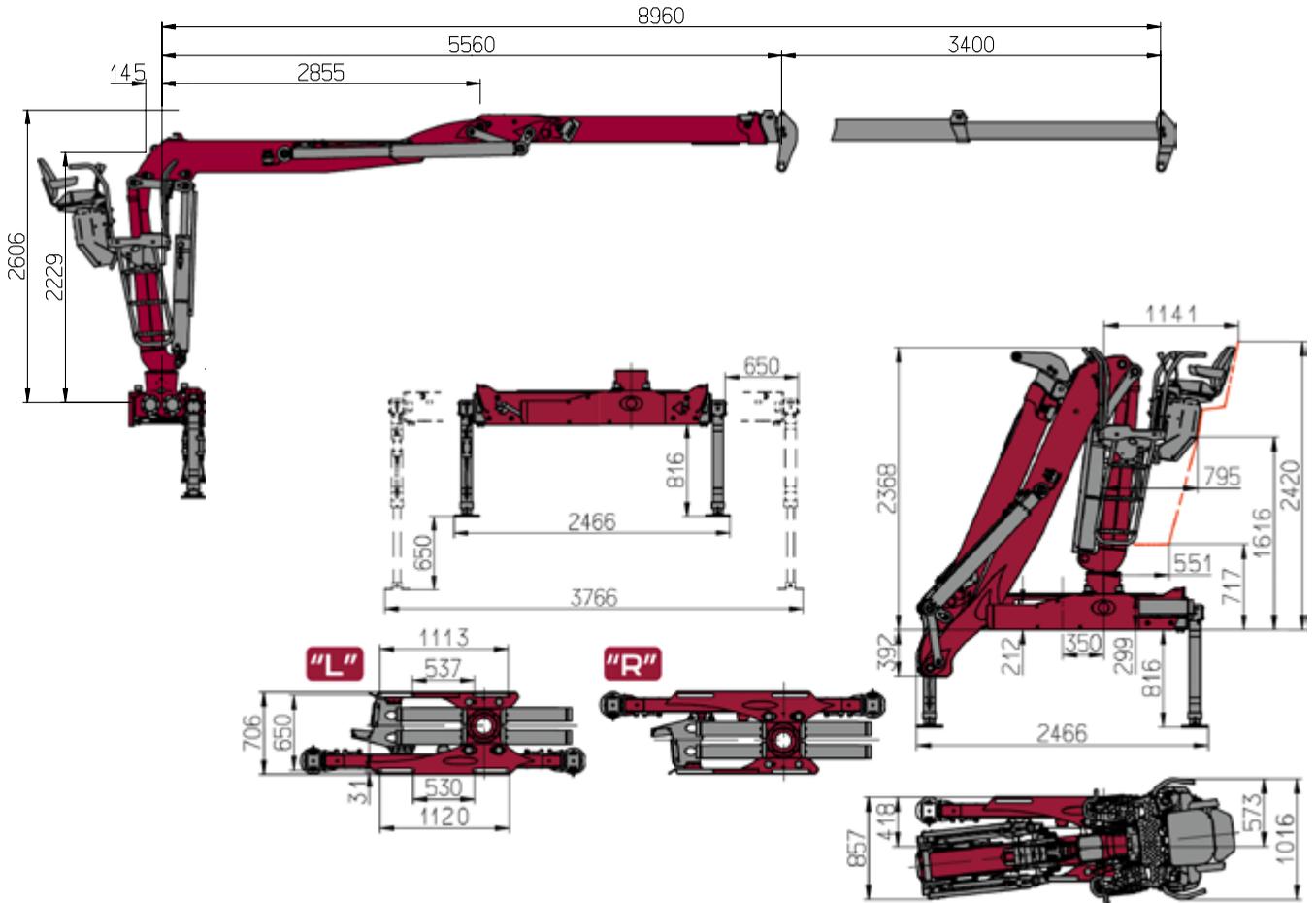


	m	3	4	5	6	7	8
LIV 70ZK.90	kg	2280	1660	1320	1080	910	790

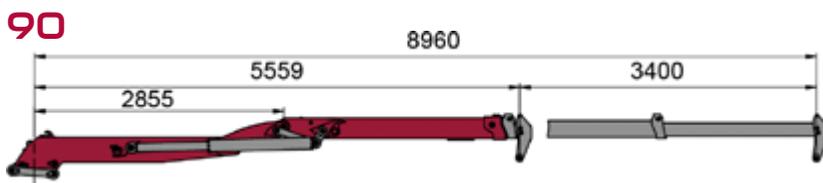


LIV	Tm		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
70ZK.73	72	412	1x80 / 2x70 / 1x120LS	21	7355	21	1800	1590
70ZK.90	67				8960		3400	1650

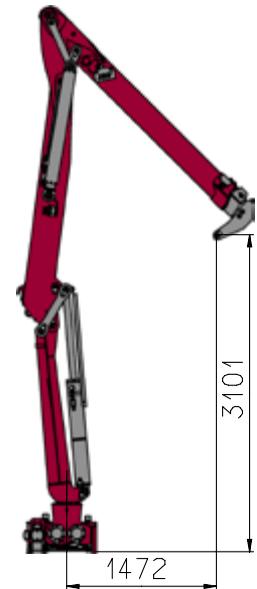
TAJFUN LIV 90ZK



	m	3	4	5	6	7
LIV 90ZK.73	kg	2860	2140	1700	1400	1150

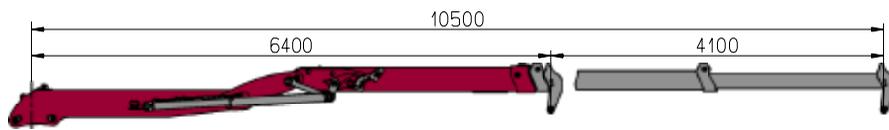
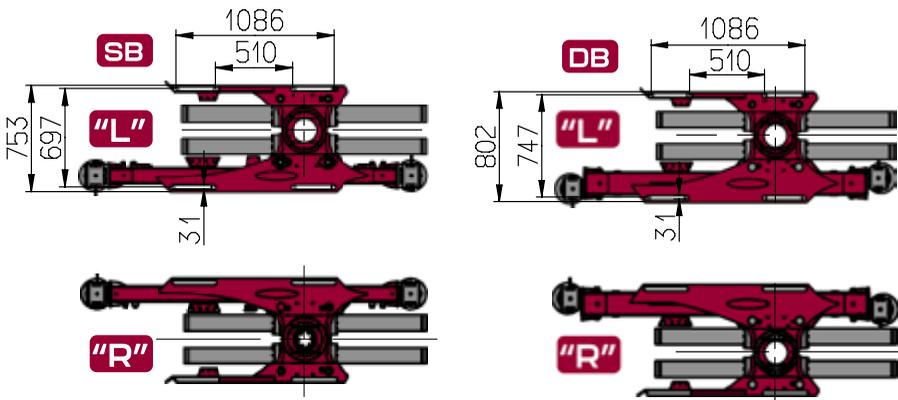
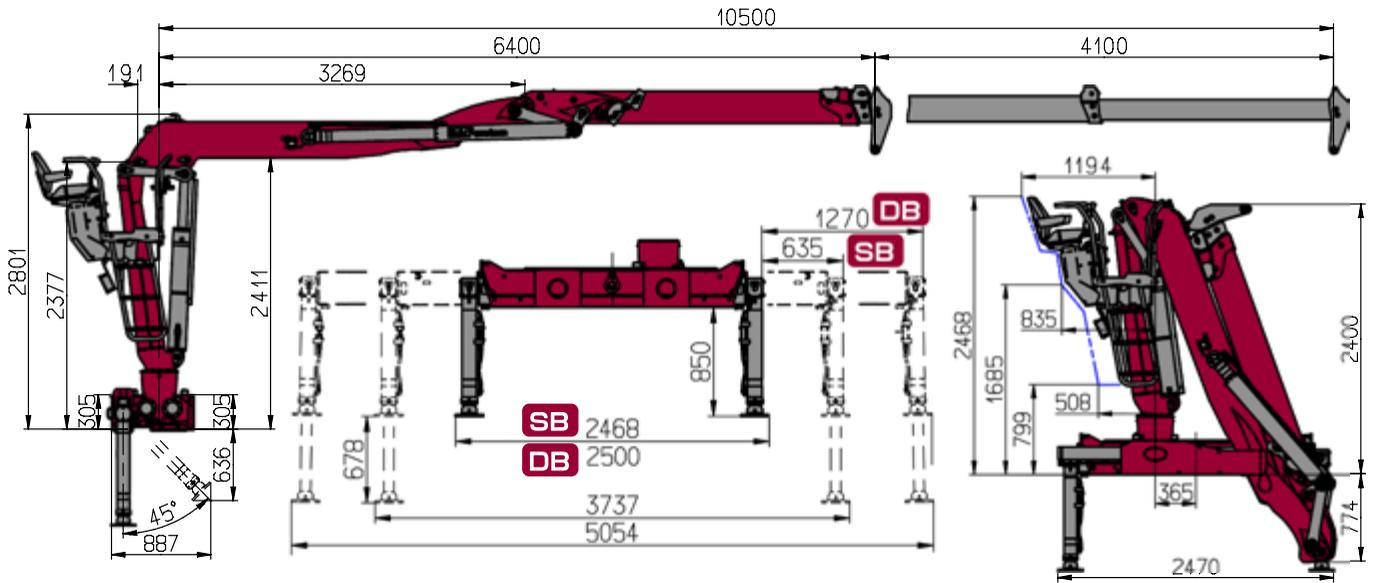


	m	3	4	5	6	7	8
LIV 90ZK.90	kg	2820	2090	1650	1350	1130	970

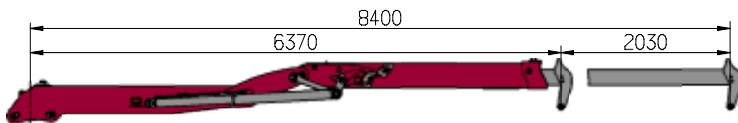


LIV	T _m		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
90ZK.73	86	412	1x80 / 2x70 / 1x120LS	21	7355	21	1800	2060
90ZK.90	83			26	8960		3400	2130

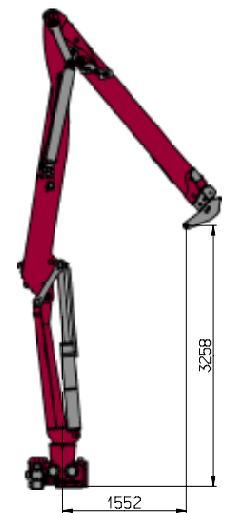
TAJFUN LIV 120ZK, 130ZK



	m	3	4	5	6	7	8	9	10
LIV 130ZK.105	kg	3950	3040	2420	1990	1680	1460	1270	1040
LIV 120ZK.105	kg	3490	2640	2120	1720	1470	1245	1070	820

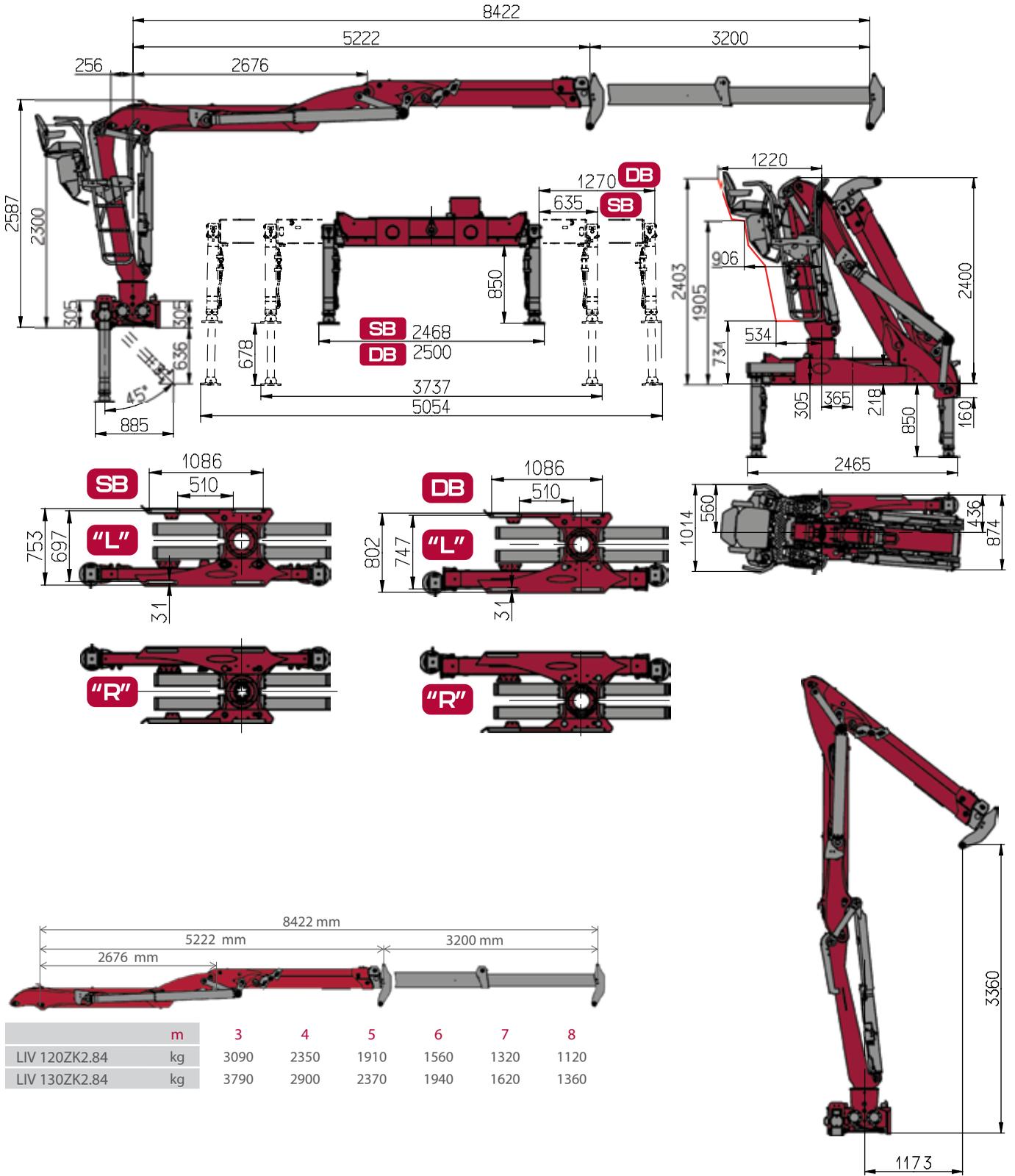


	m	3	4	5	6	7	8
LIV 130ZK.84	kg	4120	3150	2520	2090	1790	1530
LIV 120ZK.84	kg	3490	2620	2100	1790	1500	1220



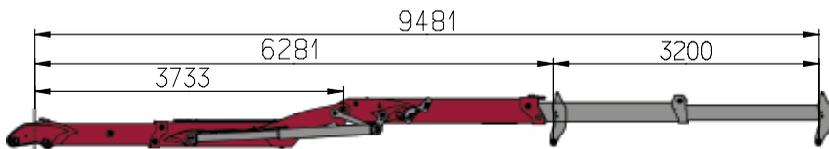
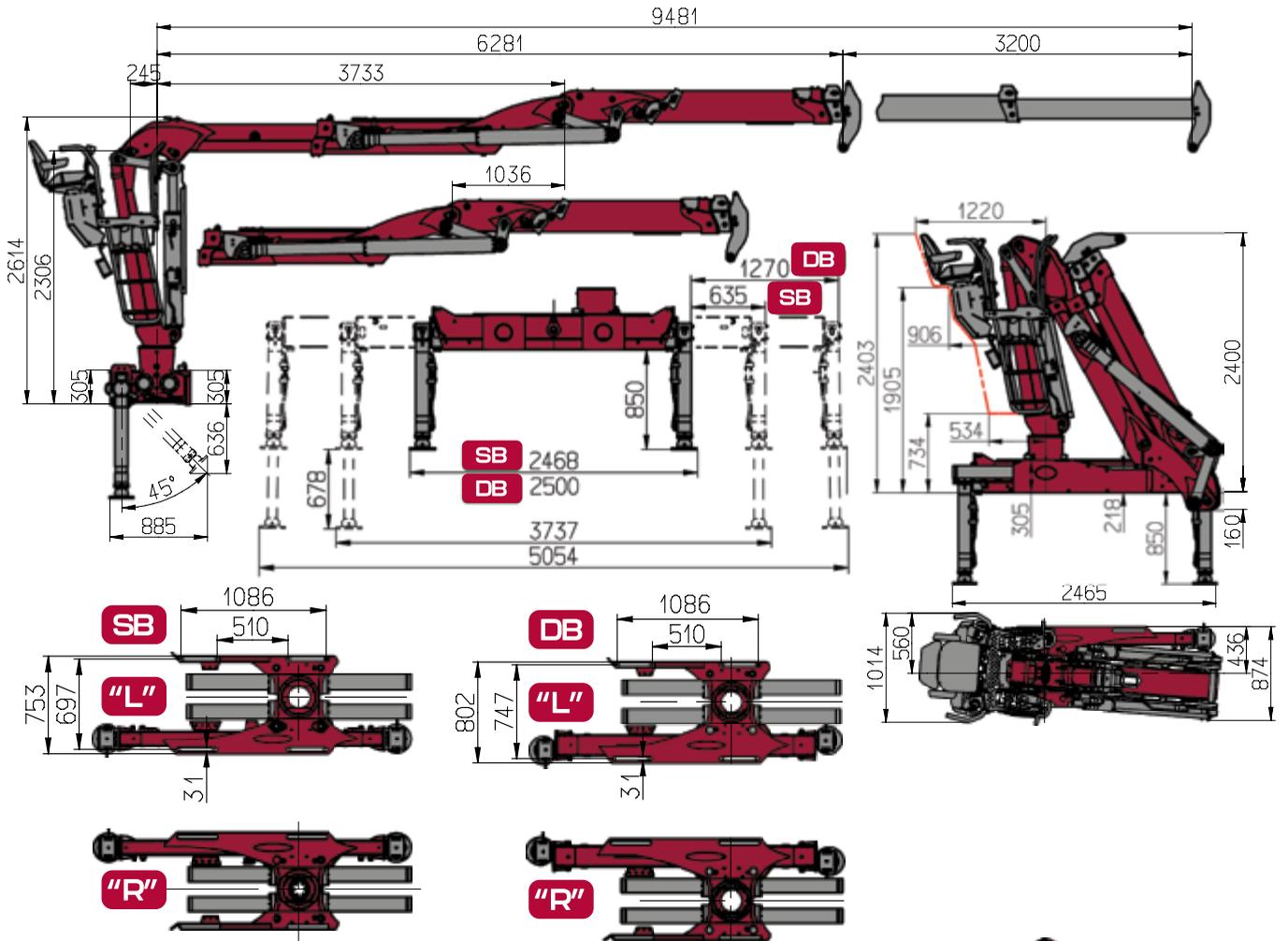
LIV	Tm	°	Q	MPa	max	kNm	mm	kg
	kNm							
120ZK.84	108	422	1x90 / 2x90 / 1x 150 LS	28	8400	28	2030	2290
120ZK.105	104				10500		4100	2340
130ZK.84	127			30	8400	30	2030	2325
130ZK.105	122				10500		4100	2430

TAJFUN LIV 120ZK2, 130ZK2

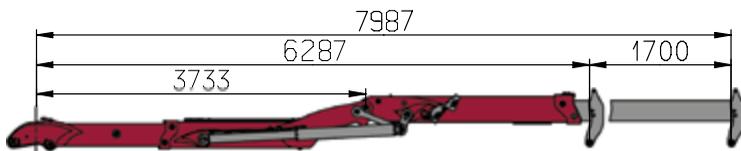


LIV	Tm		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
120ZK2.84	98	425	1x90 / 2x90 / 1x150 LS	28	8422	26	3200	2260
130ZK2.84	123			26		30		2340

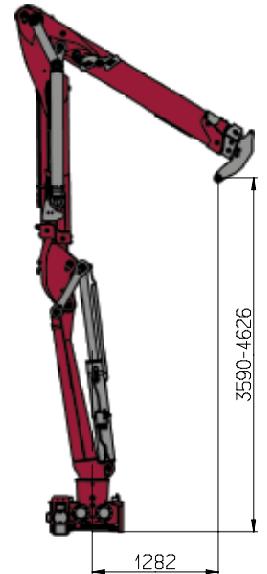
TAJFUN LIV 120ZK3, 130ZK3



	m	3	4	5	6	7	8	9
LIV 130ZK3.95	kg	3430	2600	2110	1800	1530	1310	1140
LIV 120ZK3.95	kg	2960	2240	1820	1540	1305	1120	970

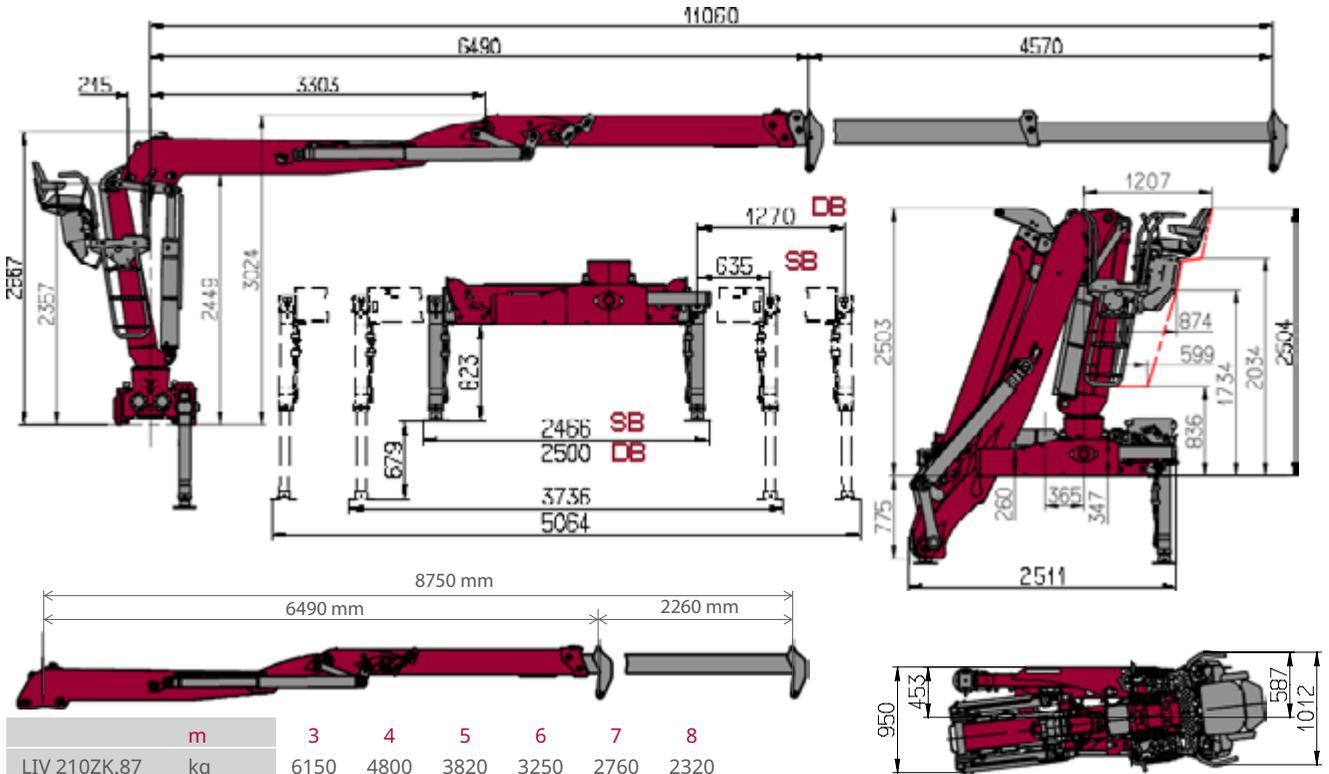


	m	3	4	5	6	7
LIV 130ZK3.80	kg	3400	2620	2160	1880	1610
LIV 120ZK3.80	kg	3140	2380	1930	1640	1390

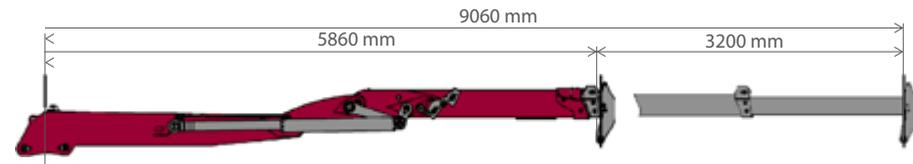


LIV	T _m		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
120ZK3.80	99	422	1x90 / 2x90 / 1x 150 LS	28	7850	26	1600	2410
120ZK3.95	94				9450		3200	2505
130ZK3.80	117			26	7850	30	1600	2510
130ZK3.95	114				9450		3200	2620

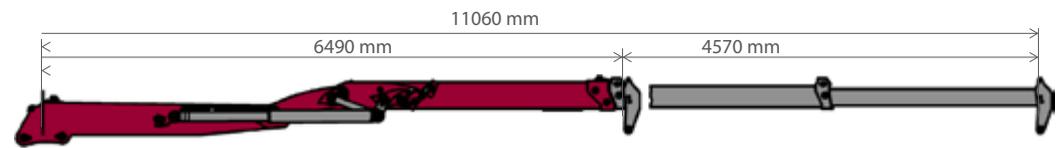
TAJFUN LIV 155ZK, 180ZK, 210ZK



	m	3	4	5	6	7	8
LIV 210ZK.87	kg	6150	4800	3820	3250	2760	2320
LIV 180ZK.87	kg	5450	4200	3540	2360	2460	2060
LIV 155ZK.87	kg	4680	3530	2970	2340	1980	1740

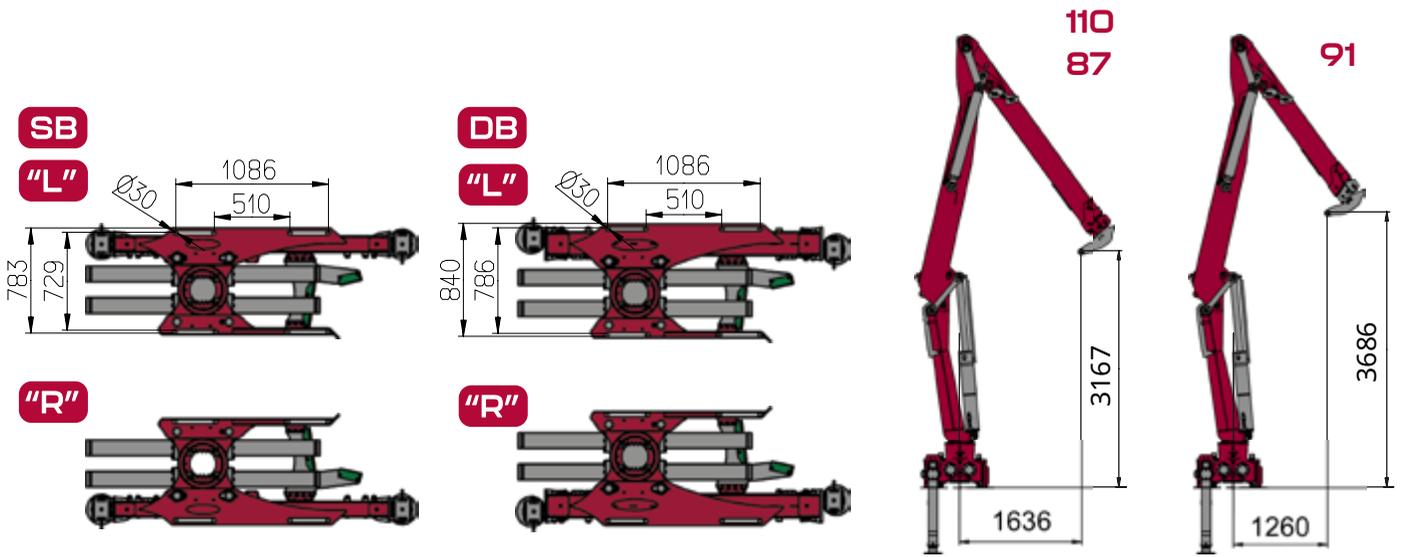


	m	3	4	5	6	7	8
LIV 210ZK.91	kg	6200	4800	3820	3250	2760	2360
LIV 180ZK.91	kg	5580	4300	3540	2960	2430	2070
LIV 155ZK.91	kg	4690	3600	2970	2350	1980	1730

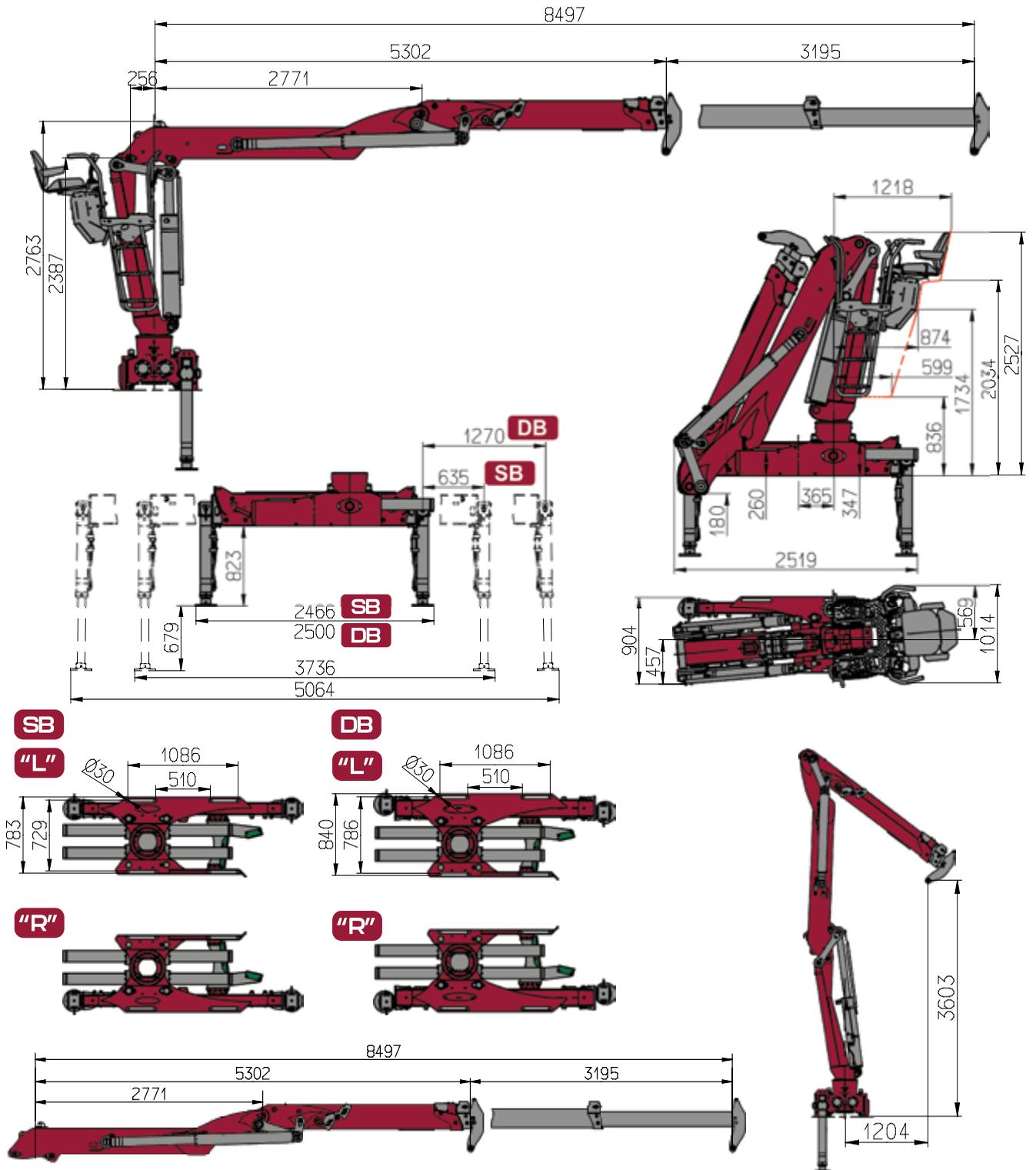


	m	3	4	5	6	7	8	9	10	11
LIV 210ZK.110	kg	5959	4800	3800	3200	2700	2360	2100	1850	1670
LIV 180ZK.110	kg	5390	4100	3280	2710	2300	1980	1720	1520	1390
LIV 155ZK.110	kg	4600	3460	2770	1930	1930	1870	1440	1280	1175

LIV	Tm		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
155ZK.87	142	422	1x120 / 2x100 / 1x180 LS	26	8750	32	2260	2510
155ZK.91	141				9060		3200	2550
155ZK.110	110				11060		4570	2590
180ZK.87	168				8750		2260	2540
180ZK.91	167				9060		3200	2590
180ZK.110	164				11060		4570	2630
210ZK.87	198				8750		3200	2550
210ZK.91	197				9060		2300	2610
210ZK.110	194				11060		4570	2640



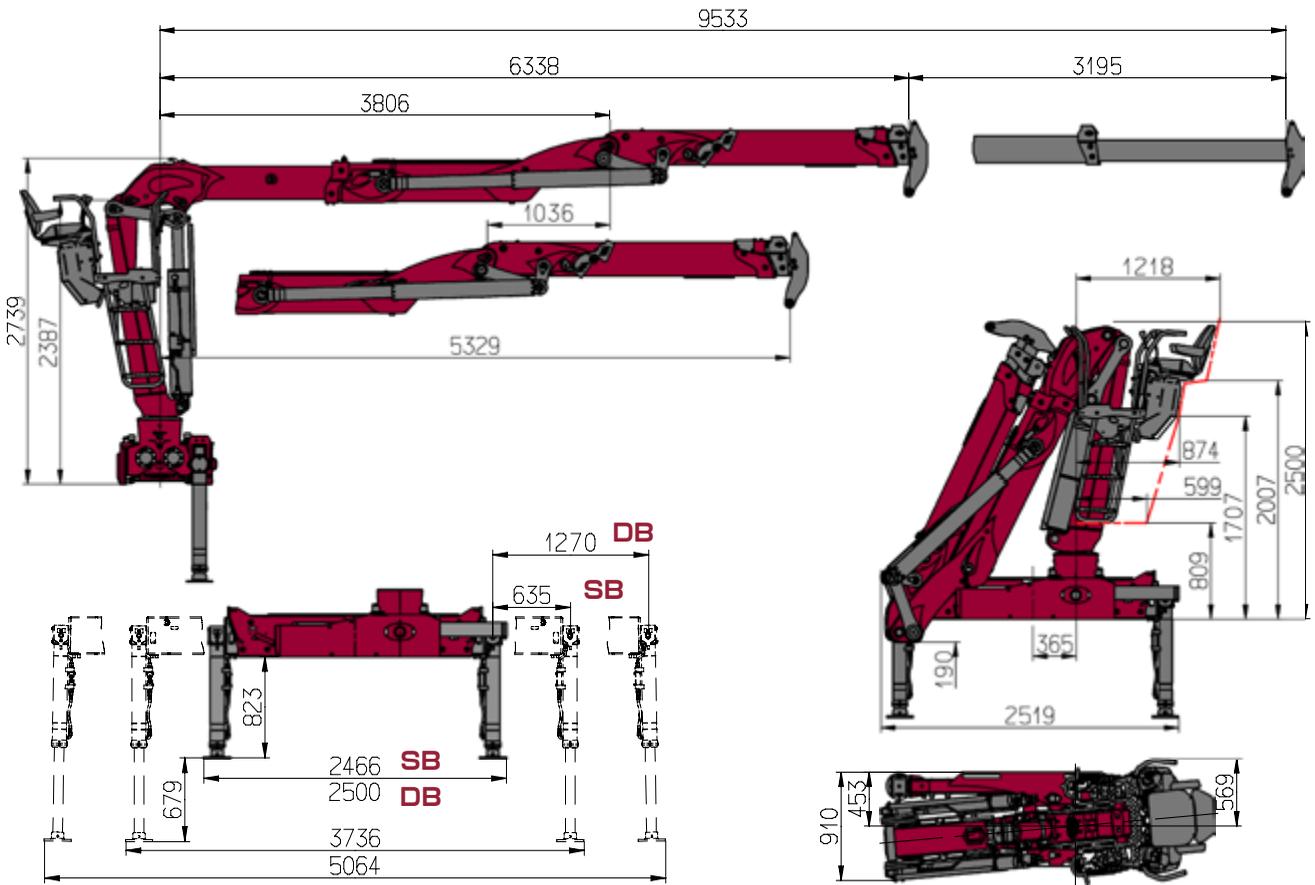
TAJFUN LIV 155ZK2, 180ZK2, 210ZK2



	m	4	5	6	7	8
LIV 210ZK2	kg	4850	3860	3250	2740	2400
LIV 180ZK2	kg	4100	3280	2720	2350	2000
LIV 155ZK2	kg	3500	2820	2320	1990	1720

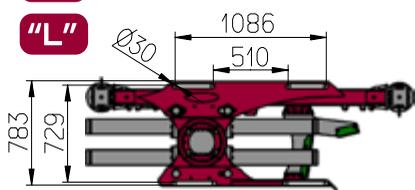
LIV	T _m	⊖	Q	⊞	t _{max}	↕	⊞	⊞
	kNm	°	l/min	MPa	mm	kNm	mm	kg
155ZK2	140	422	1x120 / 2x100 / 1x180LS	26	8497	32	3195	2380
180ZK2	163			26		32		2420
210ZK2	195			30		34		2440

TAJFUN LIV 155ZK3, 180ZK3, 210ZK3



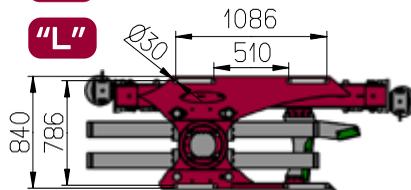
SB

"L"

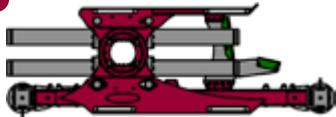


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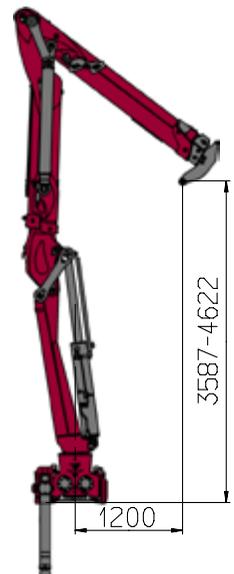
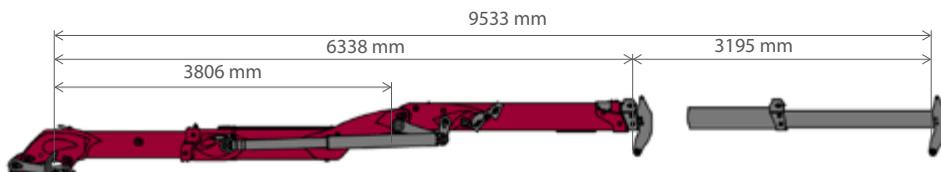
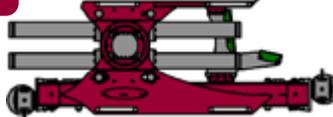
"L"



"R"



"R"



	m	4	5	6	7	8	9
LIV 210ZK3	kg	4800	3800	3200	2700	2400	2100
LIV 180ZK3	kg	3780	3100	2620	2300	1970	1750
LIV 155ZK3	kg	3490	2800	2310	1980	1700	1500

LIV	T _m	⊖	Q	⊞	⊞ _{max}	⊞	⊞	⊞
	kNm	°	l/min	MPa	mm	kNm	mm	kg
155ZK3	140	422	1x120 / 2x100 / 1x180LS	26	9533	32	3195	2660
180ZK3	165			26		32		2690
210ZK3	196			30		34		2720

TAJFUN LIV K SERIES / SERIJA

All-round power.

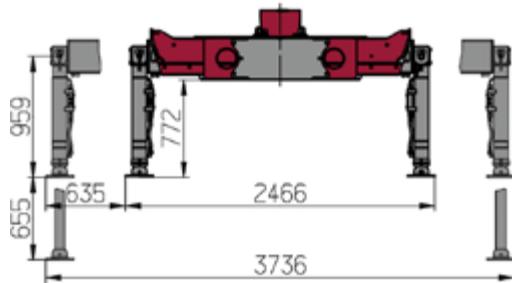
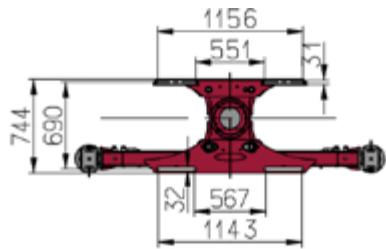
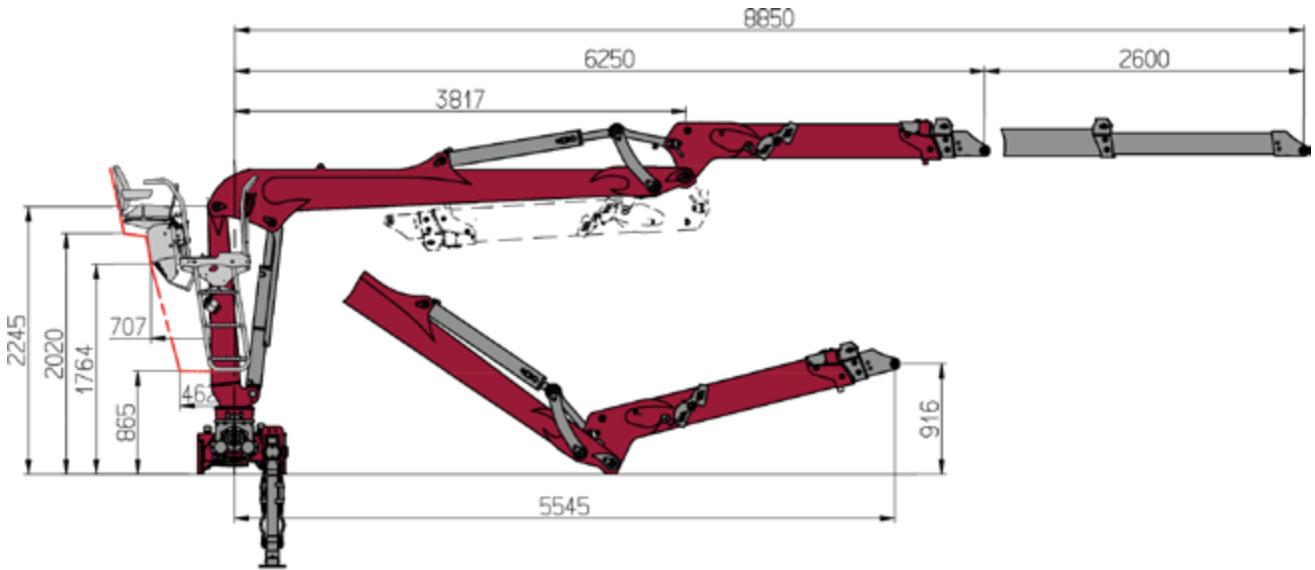
K cranes fold neatly along the load or into the cargo area during transport, ensuring compactness and convenience. Optimized kinematics allow for versatile crane performance and efficient operation. A distinctive lever mechanism between the inner and outer boom provides additional lifting power in the extended position.

Vsestranska moč.

K-dvigala se med transportom kompaktno zložijo vzdolž tovora ali v tovorni prostor, kar zagotavlja majhne transportne mere in večjo praktičnost. Optimizirana kinematika omogoča vsestransko delovanje dvigala in učinkovito uporabo. Poseben vzvodni mehanizem med dvigalno in nihajno roko zagotavlja dodatno dvižno moč v iztegnjenem položaju.



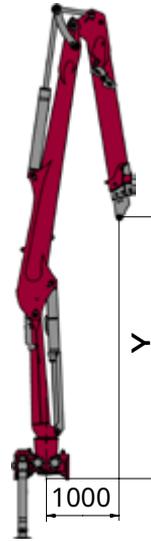
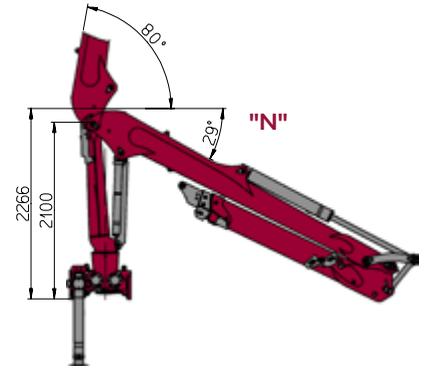
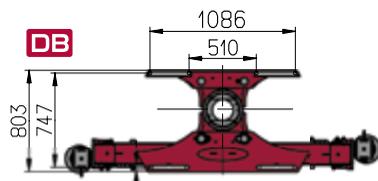
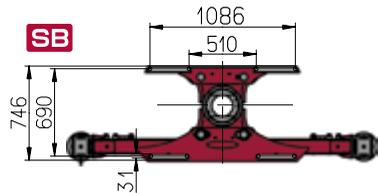
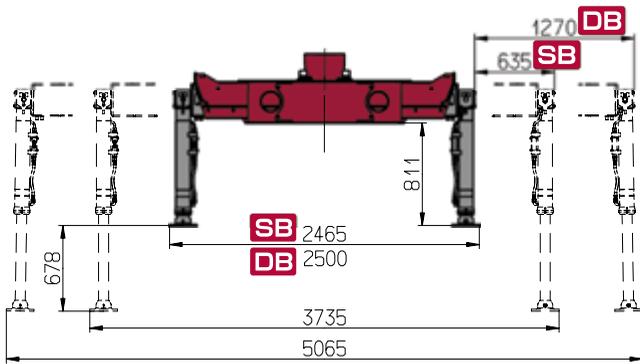
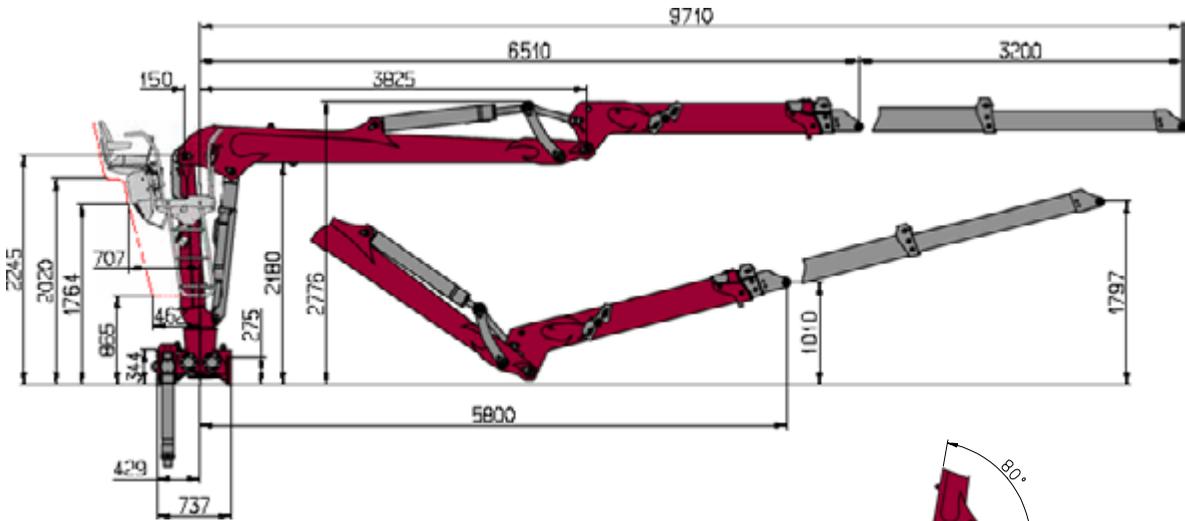
TAJFUN LIV 100K



	m	4	5	6	7	8
LIV 100K.89	kg	2430	1950	1650	1410	1220

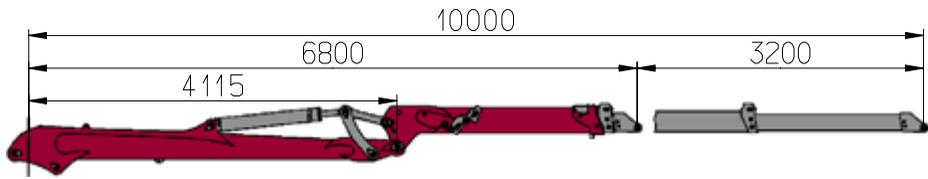
LIV	T _m		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
100K.89	101	425	1x60 / 2x50 / 1x120LS	28	8850	26	2600	2180

TAJFUN LIV 120K, 130K

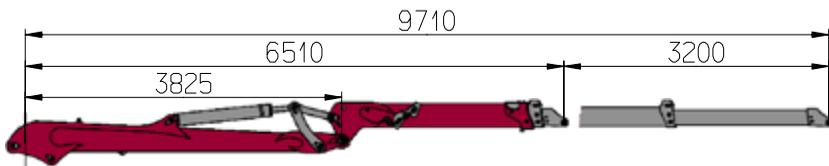


LIV	120K, 130K
Y (mm)	
.102	3861
.97	3576
.87	4186
.84	3925
.83	3915
.80	3642

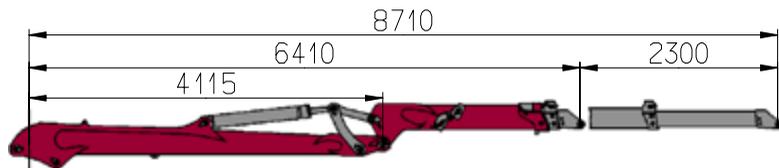
LIV	Tm		Q		f_{max}							
	kNm	°	l/min	MPa	mm	kNm	mm	kg				
120K.100	108	422	1x90 / 2x90 / 1x 150 LS	28	10145	28	3200	2490				
120K.97	109				9710		3200	2410				
120K.88	112				8794		2300	2380				
120K.84	115				8404		1585	2310				
120K.83	113				8359		2300	2360				
120K.80	116				7969		1585	2290				
130K.100	123				30			30	10145	30	3200	2570
130K.97	127								9710		3200	2520
130K.88	130								8794		2300	2470
130K.84	129								8404		1585	2420
130K.83	132	8359	2300	2440								
130K.80	132	7969	1585	2390								



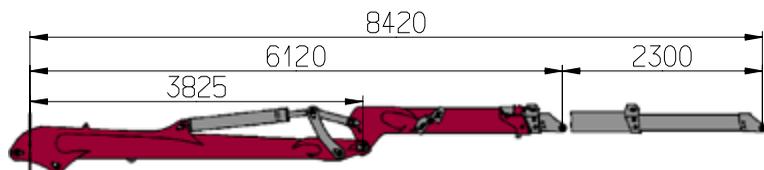
	m	4	5	6	7	8	9	10
LIV 120K.100	kg	2590	2070	1770	1520	1320	1160	1030
LIV 130K.100	kg	2870	2350	2010	1730	1510	1330	1190



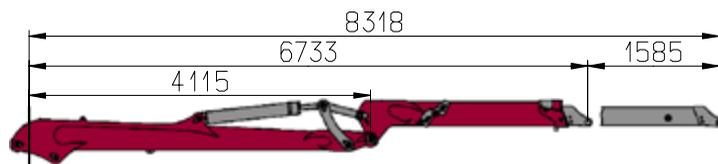
	m	4	5	6	7	8	9
LIV 120K.97	kg	2670	2140	1790	1520	1310	1150
LIV 130K.97	kg	3075	2400	2080	1775	1540	1310



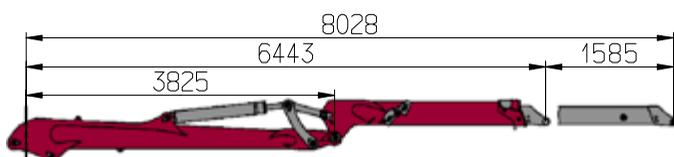
	m	4	5	6	7	8
LIV 120K.87	kg	2670	2150	1820	1550	1340
LIV 130K.87	kg	3080	2500	2120	1805	1560



	m	4	5	6	7	8
LIV 120K.84	kg	2730	2210	1870	1590	1370
LIV 130K.84	kg	3005	2460	2105	1810	1570

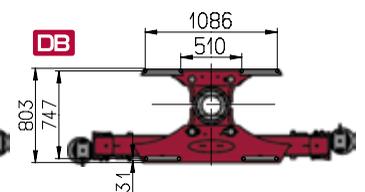
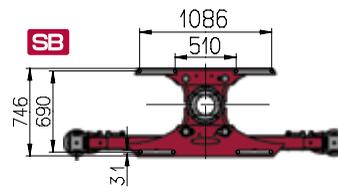
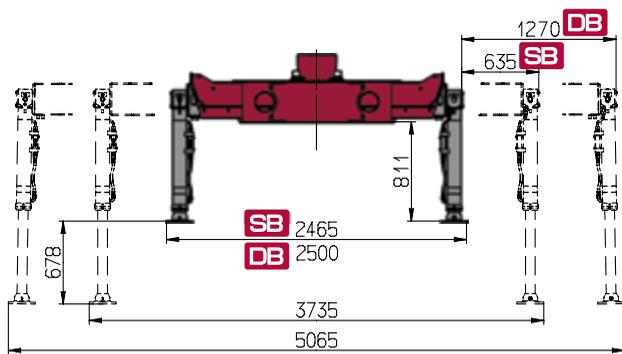
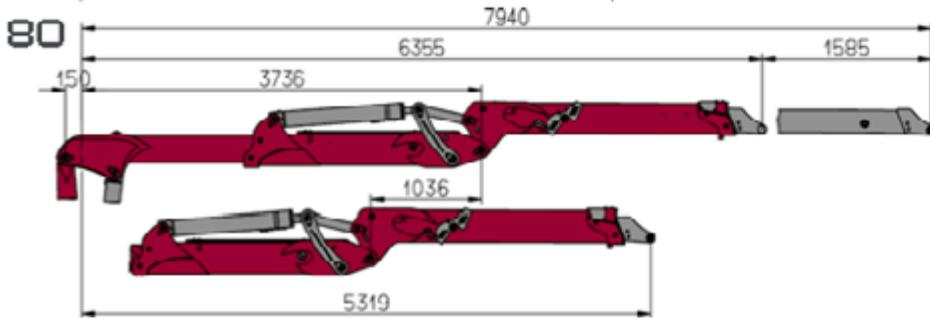
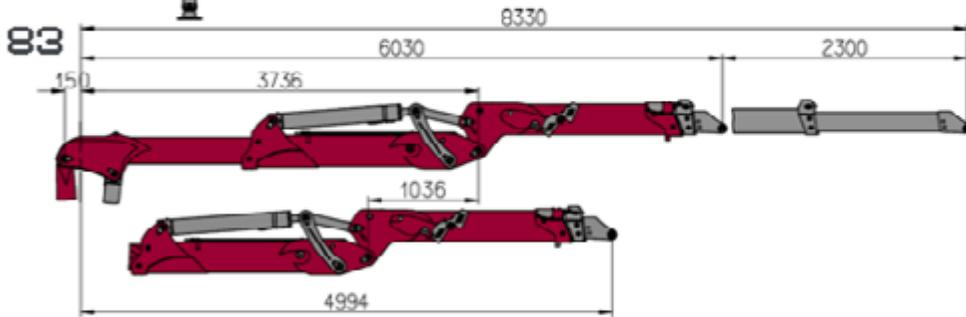
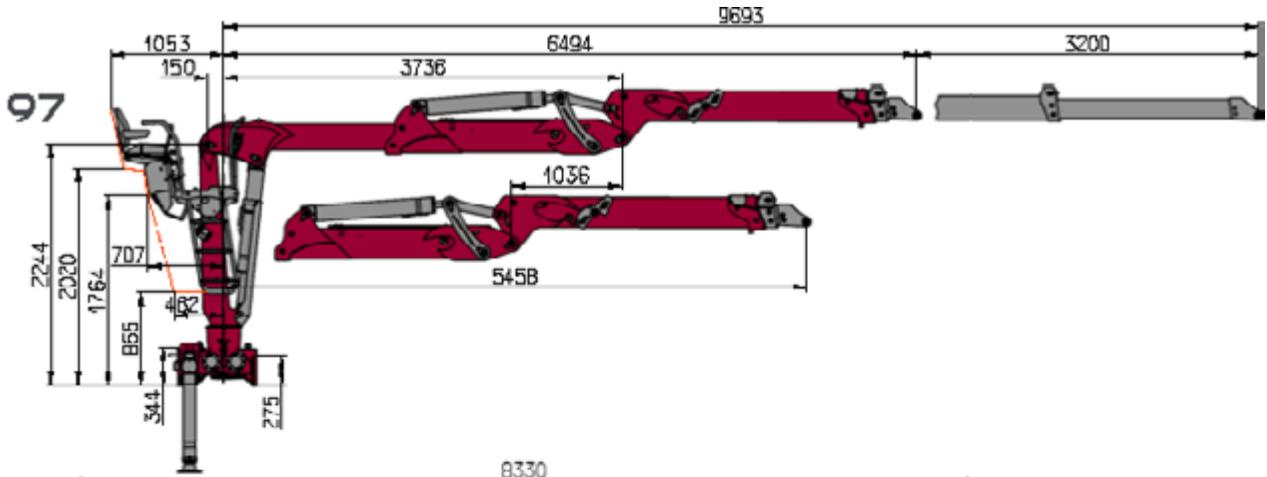


	m	4	5	6	7	8
LIV 120K.83	kg	2590	2150	1840	1570	1360
LIV 130K.83	kg	3090	2550	2150	1840	1600

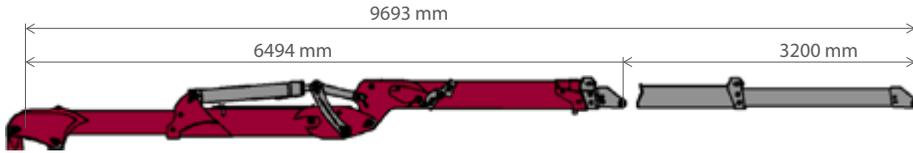


	m	3	4	5	6	7
LIV 120K.80	kg	3450	2660	2210	1900	1820
LIV 130K.80	kg	3870	2995	2490	2150	1830

TAJFUN LIV 120K3, 130K3



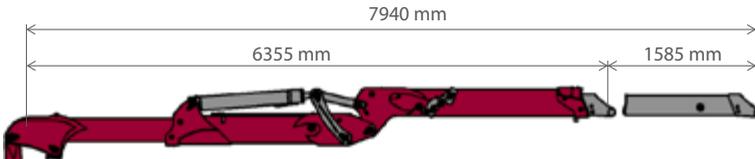
LIV	Tm	°	Q	MPa	mm	kNm	mm	kg
	kNm							
120K3.97	107	422	1x90 / 2x90 / 1x 150 LS	26	9693	28	3200	2350
120K3.83	109				8330		2300	2260
120K3.80	112				7940		1585	2270
130K3.97	123			30	9693	30	3200	2410
130K3.83	126				8330		2300	2350
130K3.80	130				7940		1585	2320



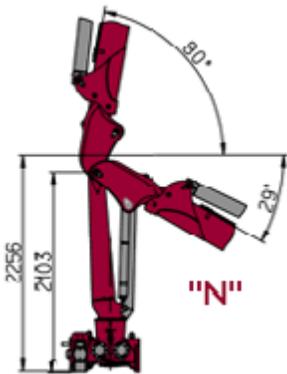
	m	4	5	6	7	8	9
LIV 120K3.97	kg	2650	2010	1720	1470	1280	1130
LIV 130K3.97	kg	2960	2305	1985	1700	1480	1310



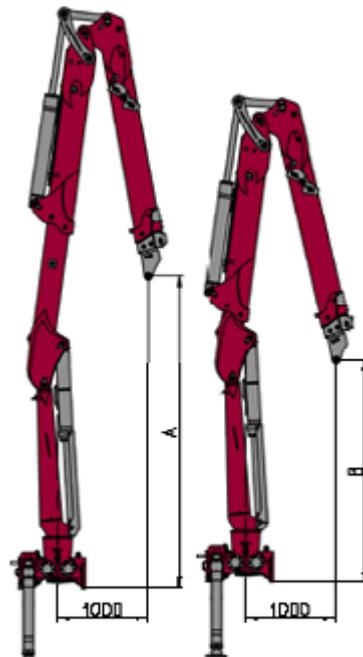
	m	4	5	6	7	8
LIV 120K3.83	kg	2490	2070	1750	1490	1300
LIV 130K3.83	kg	2855	2375	2020	1725	1500



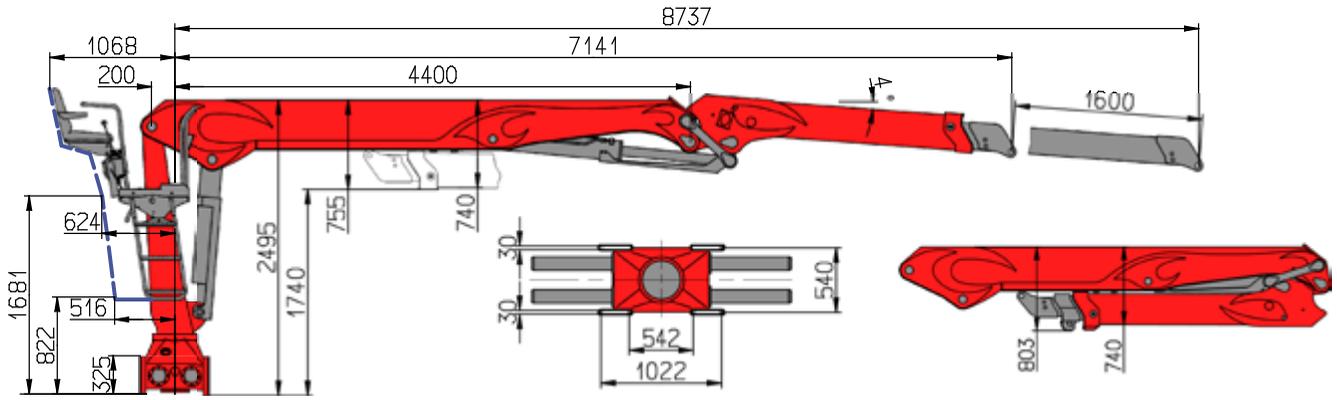
	m	4	5	6	7
LIV 120K3.80	kg	2520	2115	1830	1550
LIV 130K3.80	kg	2880	2420	2100	1800



LIV	120K3, 130K3	
	A (mm)	B (mm)
.80	3537	2550
.83	4037	3056
.97	3404	2416



TAJFUN LIV 230K, 270K



L 270K	kg	2690	2370	2095	1840	1640	1500	1310
L 230K		2410	2120	1870	1620	1460	1330	1150
145	m	8	9	10	11	12	13	14

L 270K	kg	6220	5040	4200	3570	3120
L 230K		5200	4200	3490	2960	2580
87	m	4	5	6	7	8

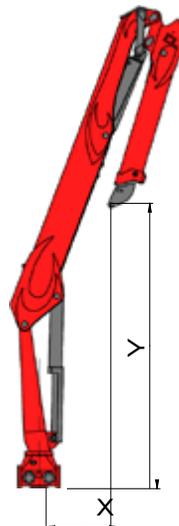
L 270K	kg	3790	3250	2830	2480	2170	1960	1750
L 230K		3170	2730	2400	2130	1890	1700	1540
125	m	6	7	8	9	10	11	12

L 270K	kg	6190	5060	4210	3610	2920
L 230K		5190	4230	3500	3000	2420
83	m	4	5	6	7	8

L 270K	kg	3940	3430	2990	2600	2330
L 230K		3260	2860	2510	2200	1970
110	m	6	7	8	9	10

L 270K	kg	6200	5080	4230	3620	2920	2320
L 230K		5200	4250	3520	3010	2420	1930
99	m	4	5	6	7	8	9

L 270K	kg	6210	5060	4220	3580	3120	2690
L 230K		5200	4220	3510	2960	2580	2210
93	m	4	5	6	7	8	9

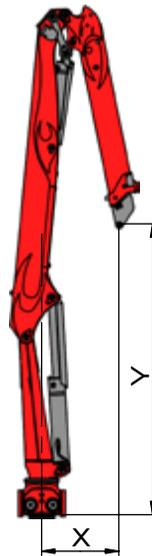
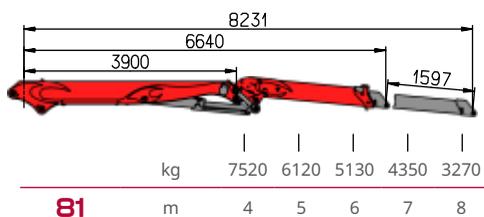
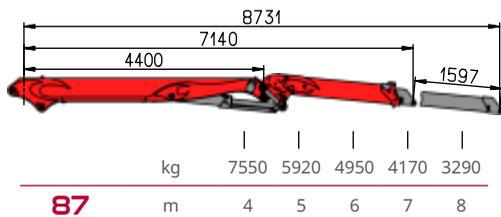
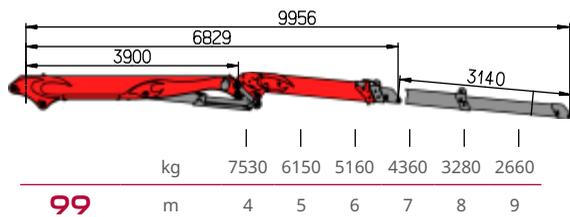
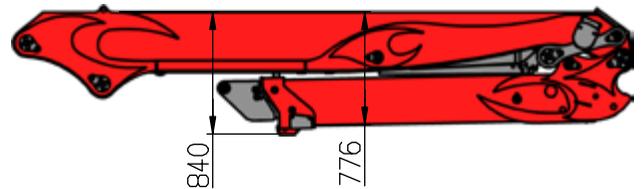
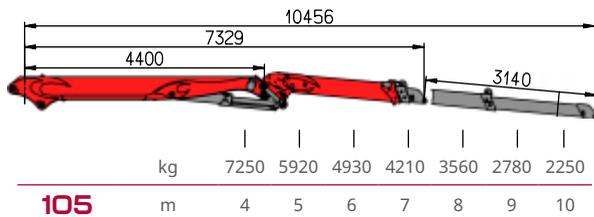
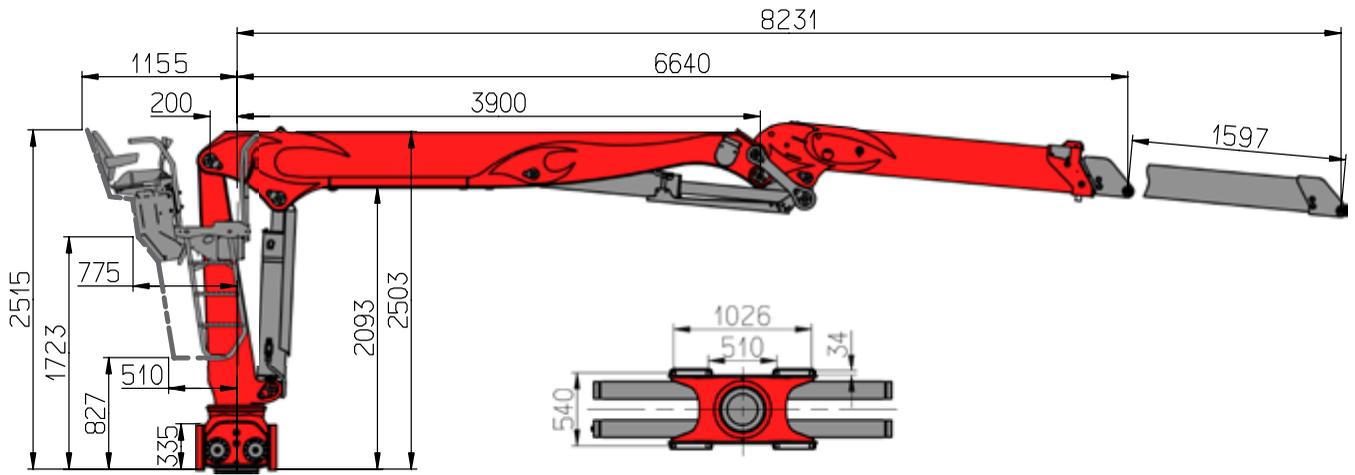


LIV	230K, 270K	
	X (mm)	Y (mm)
.81	1000	3272
.87	1000	3845
.93	1000	4455
.99	1000	3123
.110	1000	2865
.125	1000	4840
.145	1100	4930

LIV	Tm		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
230K.81	216	405	1x90 / 2x80 / 1x 150 LS	23	8070	41	1600	2587
230K.87	215				8670			2621
230K.93	213				9270			2782
230K.99	212				9823			3017
230K.110	205				10784		1600	2868
230K.125	198				12584		3200	3065
230K.145	185				14464		3200	3182
270K.81	261				405		1x90 / 2x80 / 1x 150 LS	25
270K.87	260	8670	2656					
270K.93	257	9270	2817					
270K.99	260	9823	3052					
270K.110	245	10784	1600	2903				
270K.125	221	12584	3200	3100				
270K.145	206	14446	3200	3217				



TAJFUN LIV 320K

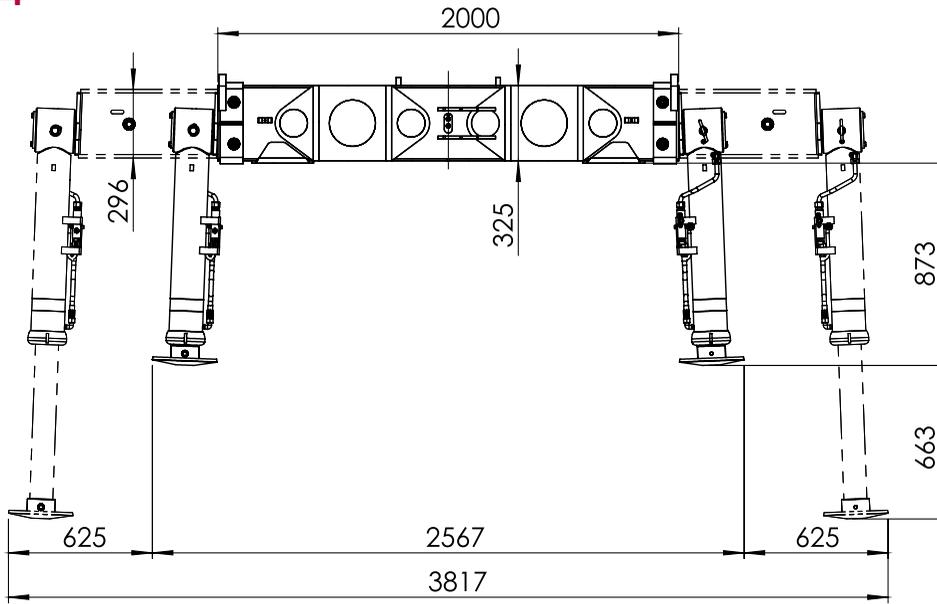


LIV	320K	
	X (mm)	Y (mm)
.81	1000	3707
.87	1000	4205
.99	1000	3527
.105	1000	4025

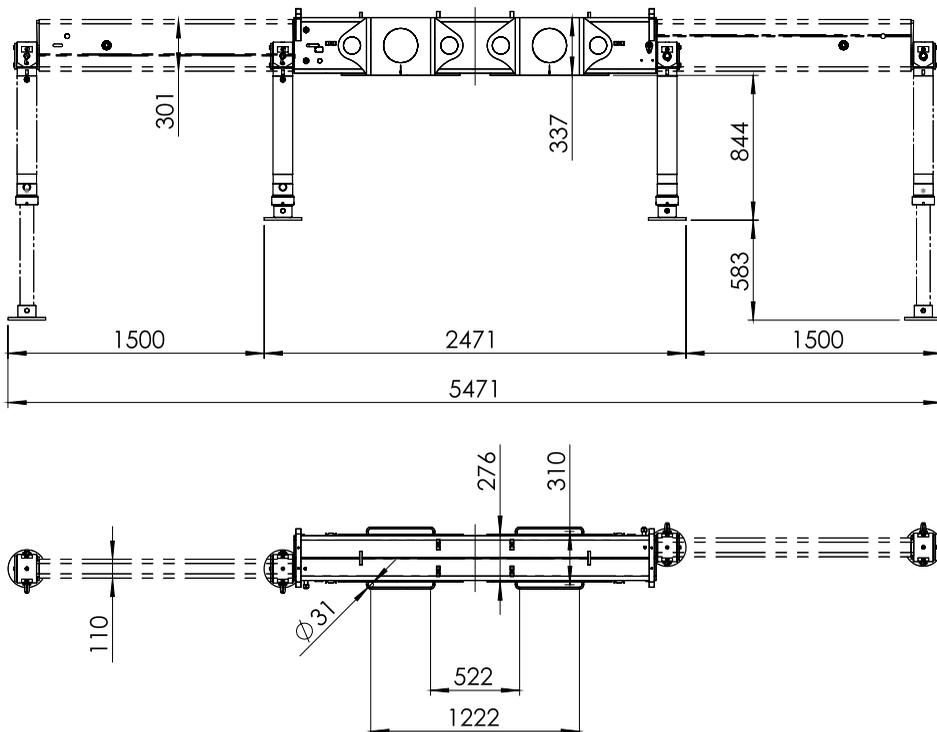
LIV	Tm		Q					
	kNm	°	l/min	MPa	mm	kNm	mm	kg
320K.81	311	405	1x90 / 2x80 / 1x 150 LS	26	8070	41	1597	3010
320K.87	308				8670			3060
320K.99	307				9270		3140	3200
320K.105	305				9823			3250

STABILIZER BEAM / MOST STABILIZATORJEV

2x600 L24



2x1500 L24



STATIONARY CRANES / STABILNA DVIGALA

Designed for continuous performance.

The stationary version of the K series is a heavy-duty crane built for demanding scrap and waste handling. With a robust construction proven in mobile applications, it delivers strength, long service life and reliability under intensive, continuous operation. Its excellent reach and stability ensure efficient material handling even in the toughest recycling environments.

Zasnovano za neprekinjeno delovanje.

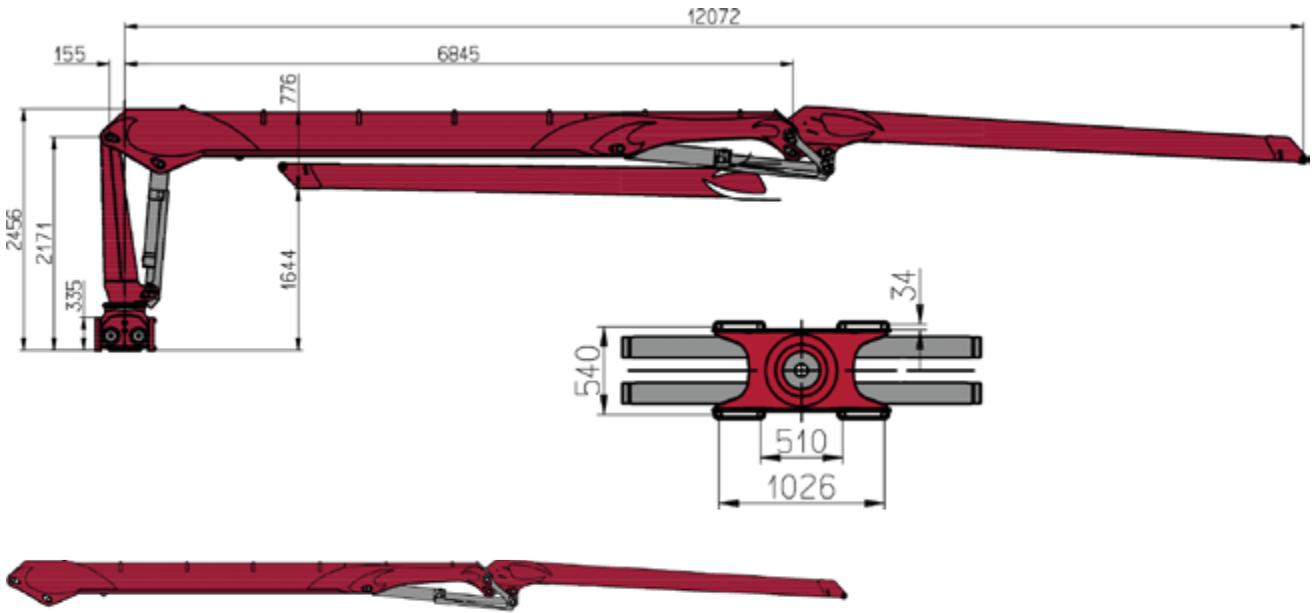
Stabilna izvedba serije K je težkodelovno dvigalo, zasnovano za zahtevno manipulacijo odpadnih in reciklažnih materialov. Z robustno konstrukcijo, preverjeno v mobilnih aplikacijah, zagotavlja visoko moč, dolgo življenjsko dobo in zanesljivost tudi pri intenzivnem, neprekinjenem obratovanju. Odličen doseg in stabilnost omogočata učinkovito ravnanje z materialom tudi v najzahtevnejših reciklažnih okoljih.



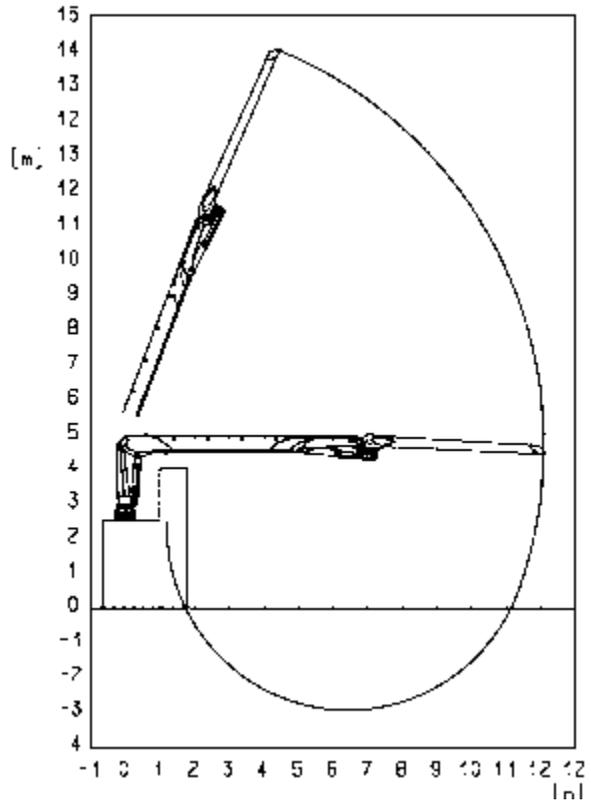
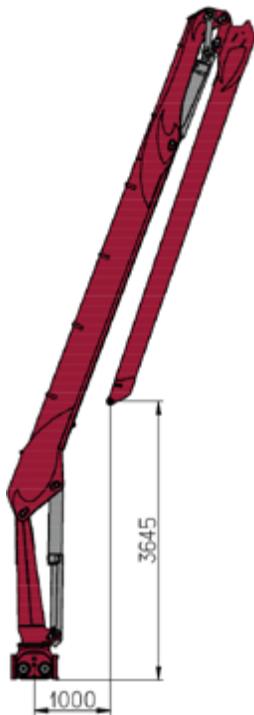
Watch video



TAJFUN LIV 270K



	m	6	7	8	9	10	11	12
LIV 270K.121	kg	3204	2740	2370	2060	1780	1520	1140



LIV	T _m	∠	Q	σ	t _{max}	F	∠	W
	kNm	°	l/min	MPa	mm	kNm	mm	kg
270K.121	198 kNm	405 °	1x80/ 2x70/ 1x150LS l/min	23 MPa	12072 mm	48 kNm	/	2960 kg



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