

The productivity of a saddle jib crane*

Maximum load: 1,800 kg

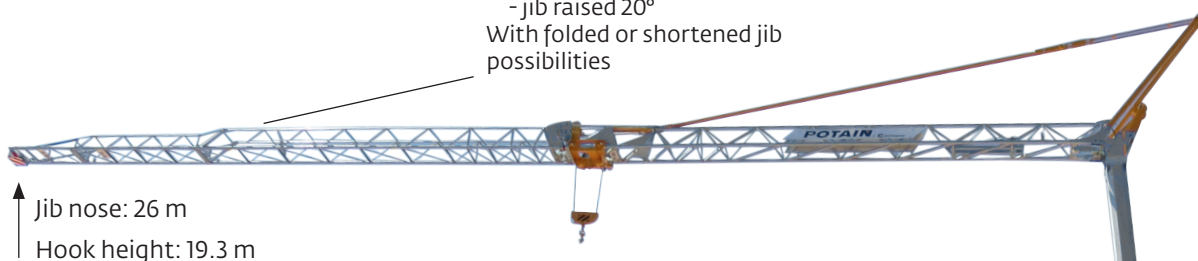
Maximum radius: 26 m

Hook height: 19.3 m

Maximum load at jib nose: 700 kg

* Saddle cranes are designed for multiple repetitive actions common in the construction industry.

Two jib positions:
 - horizontal jib
 - jib raised 20°
 With folded or shortened jib possibilities



Jib nose: 26 m
 Hook height: 19.3 m



Remote control with Potain standard operating assistance indicators

Three mechanisms with frequency variation:

- LVF: hoisting
- DVF: trolleying
- RVF: slewing

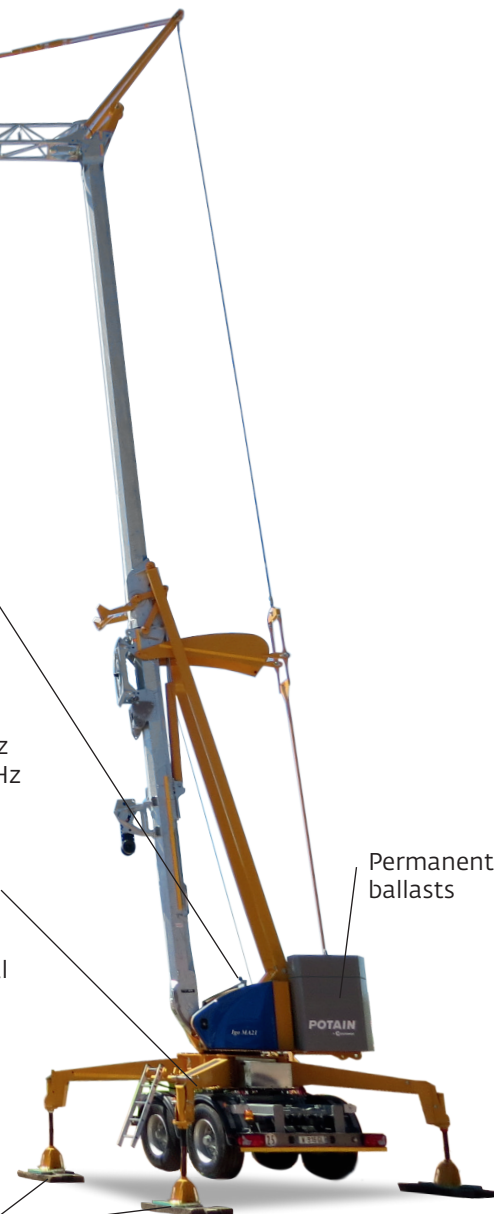
Adaptable to networks

- 230 V single-phase - 50 Hz
- 400 V / three-phase - 50 Hz

Integrated transport axle

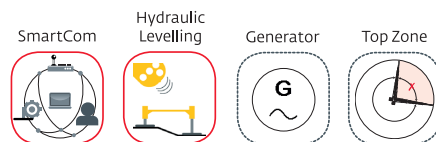
Two options:

- 25 km/h
- 80 km/h EC type approval (90 km/h in France)



Permanent ballasts

Small footprint 4.2 m x 4.2 m
 Hydraulic support operated by remote control



The productivity of a saddle jib crane

- Ideal for multiple applications including: renovations, steel construction, masonry and roofing
- A 26 m saddle jib for moving loads on a jobsite over distances of more than 50 m
- 19.3 m hook height to easily and quickly pass over obstacles



- Mechanisms with frequency variation for:
 - Flexible and progressive controls
 - Great precision thanks to reduced approach speeds
 - Optimal productivity thanks to high speeds
- Low electrical current requirement

Compactness and autonomy on the jobsite

- Optimal unfolding for reduced height requirements
- Footprint of 4.2 m x 4.2 m on the ground once erected
- Compatibility with 230 V / 400 V power supply networks
- An optional on-board generating set allowing autonomous functioning when there is no electrical network on the jobsite
- Simple setup by remote control carried out by one person thanks to the hydraulic support and permanent ballasts
- Convenient remote control operation



Optimal mobility during transport and on the jobsite

- Permanent ballasts allow the Igo MA 21 to be transported in one single package
- Compact dimensions for better maneuverability on the jobsite
- An axle that can be permanently located on the crane during operation
- Available transport axles:
 - 25 km/h: draw-bar or fifth-wheel
 - 80 km/h EC type approval: fifth-wheel



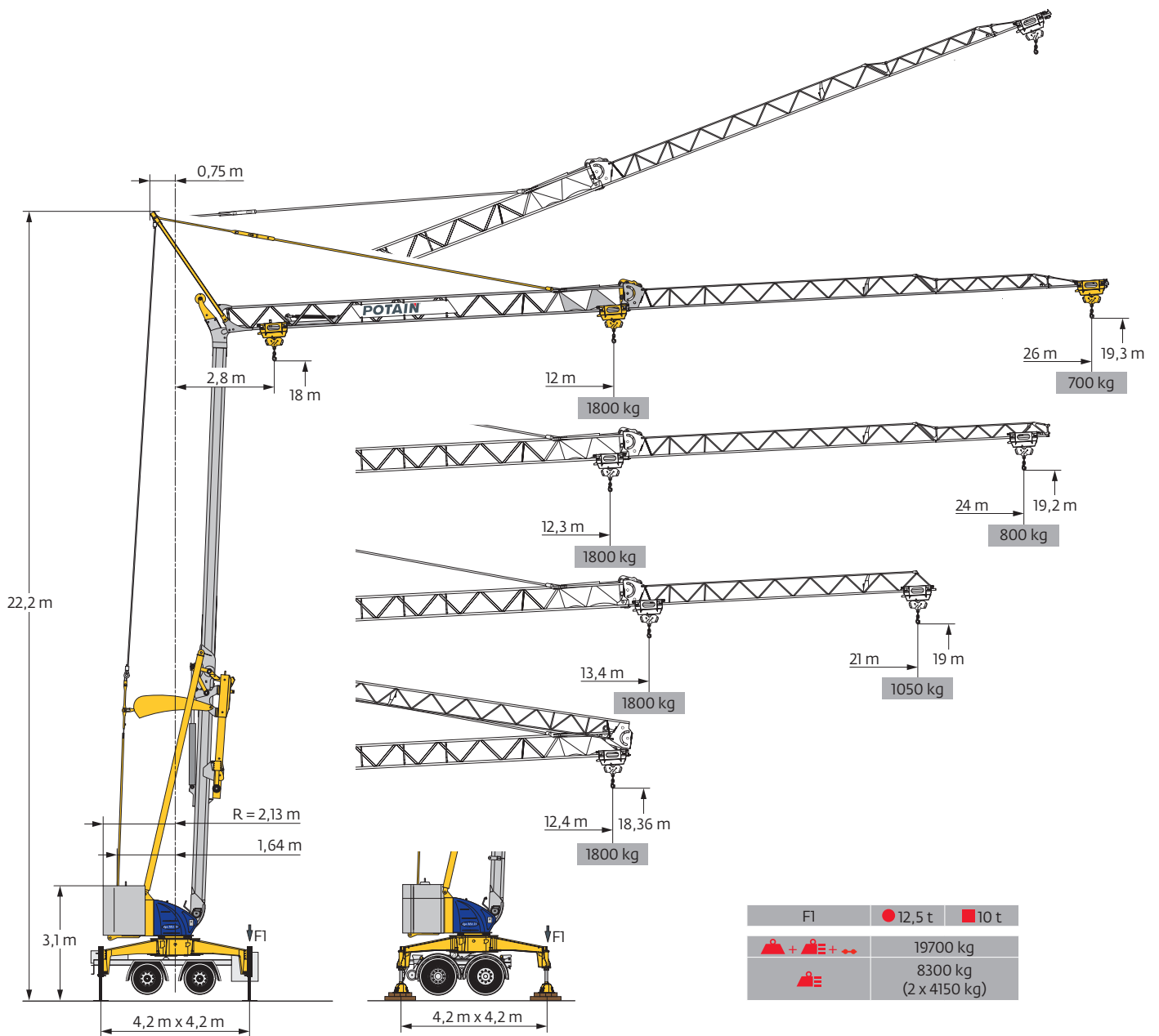
Long-term return on investment

The Igo MA 21 ensure a low cost of ownership

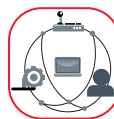
- Immediate gains in productivity
- Proven reliability and reduced maintenance
- The crane preserves the state of the ground for a clean jobsite
- The electric Igo MA 21 is quiet and emits low pollution
- Potain brand: a brand with high added value and a high resale value



Igo MA 21



SmartCom



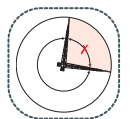
Hydraulic Levelling



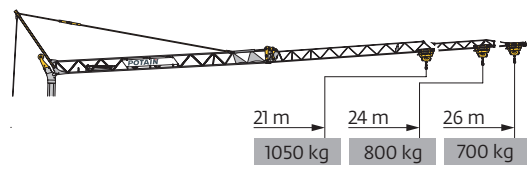
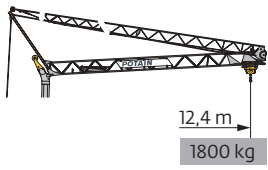
Generator



Top Zone

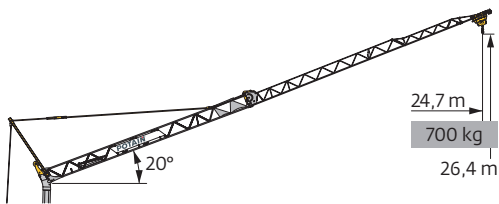


Courbes de charges / Lastkurven / Load curves / Curvas de cargas / Curve di carico
 Curvas de carga / Кривые нагрузок

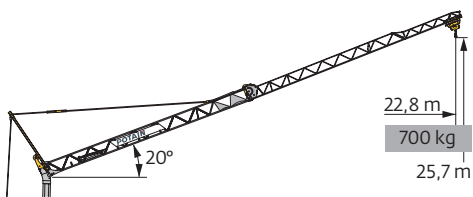


26 m	2,8	▶	12,4	m
			1800	kg
24 m	2,8	▶	12,4	m
			1800	kg
21 m	2,8	▶	12,4	m
			1800	kg

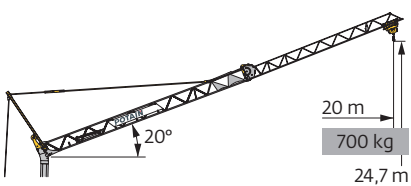
2,8	▶	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	m
		1800	1630	1490	1370	1265	1175	1095	1025	965	910	860	815	775	735	700	kg
2,8	▶	12,3	13	14	15	16	17	18	19	20	21	22	23	24			m
		1800	1685	1535	1415	1310	1215	1135	1060	1000	940	890	845	800			kg
2,8	▶		13,4	14	15	16	17	18	19	20	21						m
			1800	1710	1570	1455	1350	1265	1185	1115	1050						kg



26 m	2,8	▶															24,7	m
																	700	kg






24 m	2,8	▶																22,8	m
																		700	kg



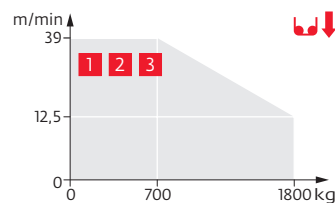
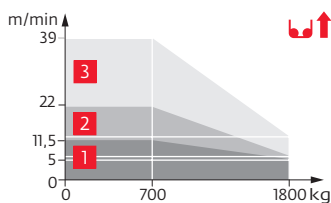
21 m	2,8	▶																20	m
																		700	kg

Mécanismes / Triebwerke / Mechanisms / Mecanismos / Meccanismi
 Механизмы / Механизмы

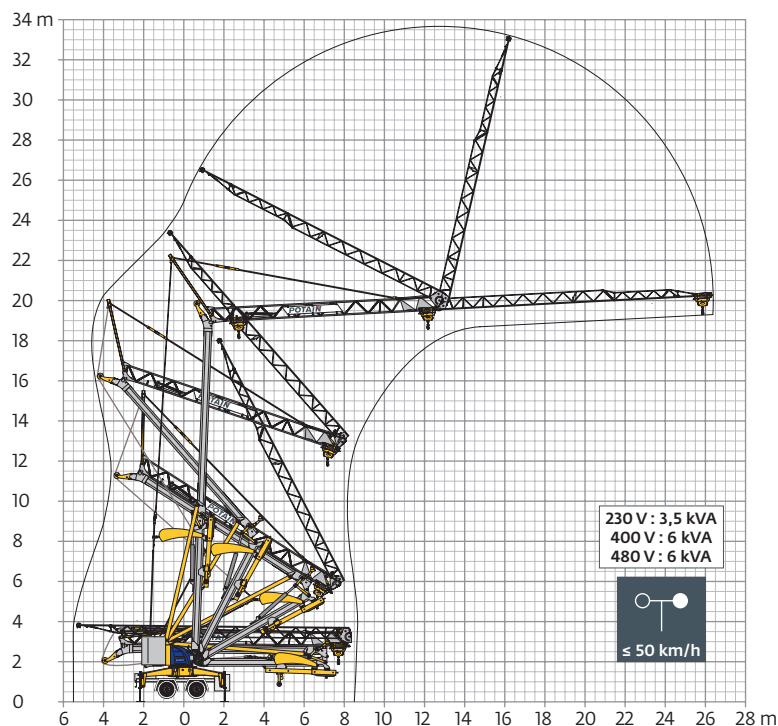
230 V - 50 Hz 400 V - 50 Hz 480 V - 60 Hz							ch - PS hp	kW
	8 LVF 9 Optima	230 V \neq 20 A 1	m/min	↑ 3,5	↑ 5 ↓ 12,5	↑ 11,5 ↓ 39	3,3	2,4
			kg	1800	1800	700		
		230 V \neq 32 A 2	m/min	↑ 3,5	↑ 6,5 ↓ 12,5	↑ 22 ↓ 39	5,2	3,8
			kg	1800	1800	700		
		400 V \neq 480 V 3	m/min	↑ 3,5	↑ 12,5	↑ 39	7,5	5,5
			kg	1800	1800	700		
	1 DVF 4		m/min	14 → 36 (0 → 700 kg) 14 → 28 (700 → 1800 kg)			1,5	1,1
	RVF 20		tr/min U/min rpm	0 → 1			1,5	1,1

 IEC 60204-32	
230 V (+10% -10%) 50 Hz 400 V (+10% -10%) 50 Hz 480 V (+6% -10%) 60 Hz	230 V 20 A : 4,6 kVA 230 V 32 A : 7,4 kVA 400 V / 480 V : 11 kVA

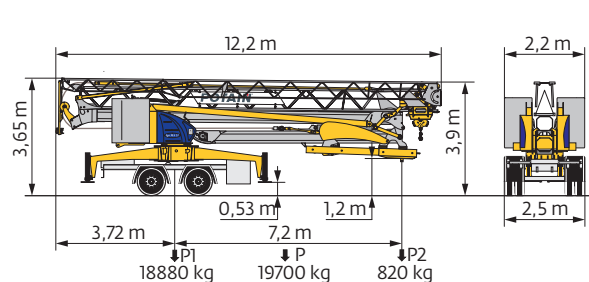
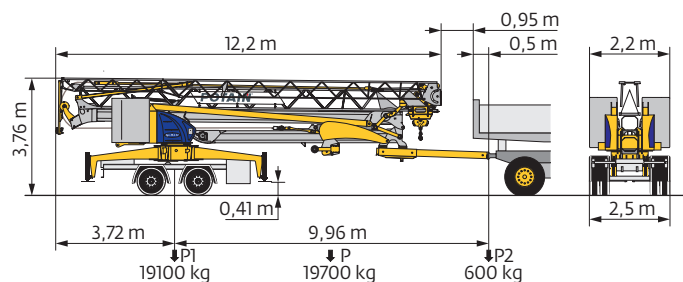
8 LVF 9 Optima



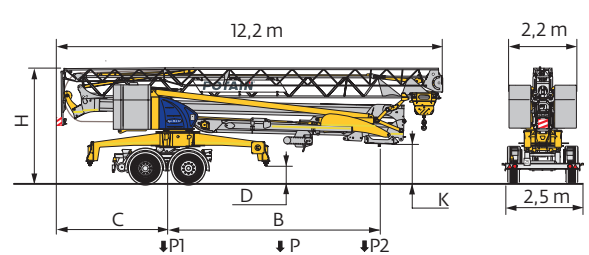
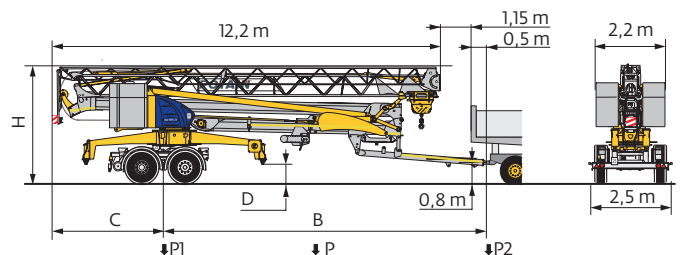
Montage / Montage / Erection / Montaje / Montaggio
 Montagem / Монтаж



Transport / Transport / Transport / Transporte / Trasporto
Transporte / Транспортировка



Igo MA 21 | km/h 80 | TÜV



	km/h	B (m)	C (m)	D (m)	H (m)	K (m)	P (kg)	P1 (kg)	P2 (kg)
T12/S215M	25	10,5	3,35	0,6	3,85	-	19180	18380	800
SL012/S215M	25	6,8	3,35	0,6	3,85	1,3	19180	18130	1050
SL016/J215M (EBS) ⓘ	80	6,7	3,5	0,53	3,76	1,2	19640	18100	1540

	FR	DE	EN	ES	IT	PT	RU
R	Rayon de giration	Schwenk radius	Rear slewing radius	Radio de giro	Raggio di rotazione	Raio de rotação	Задний габарит
•	Nous consulter	Auf Anfrage	Consult us	Consultarnos	Consultateci	Consultar-nos	Проконсультируйтесь у нас
•	Réactions en service	Reaktionskräfte in Betrieb	Reactions in service	Reacciones en servicio	Reazioni in servizio	Reacções em serviço	Реакция при работе
■	Réactions hors service	Reaktionskräfte außer Betrieb	Reactions out of service	Reacciones fuera de servicio	Reazioni fuori servizio	Reacções fora de serviço	Реакция в покое
▲	Poids à vide, sans lest, sans trains de transport, avec flèche maxi, et hauteur standard	Gewicht ohne Last, ohne Ballast, ohne Transportachsen, mit max. Auslager und Standardhöhe	Weight without load, without ballast, without transport axes, with max. jib and standard height	Peso en vacío, sin lastre, sin trenes de transporte con flecha y altura estandar	Peso a vuoto, senza zavorra, senza assali di trasporto, con braccio max e altezza standard	Peso em vazio, sem lastro, sem eixos de transporte com lança máxima e altura standard	Вес без груза, без балласта, без осей для транспортировки, с максимальным вылетом стрелы и стандартной высотой
≡	Poids total du lest	Ballast-Gesamtgewicht	Total ballast weight	Peso total del lastre	Peso totale della zavorra	Peso total do lastro	Общий вес балласта
⚙	Trains de transport	Transportachsen	Transport axes	Trenes de transporte	Assali di trasporto	Eixos de transporte	Осей для транспортировки
□	Équipements standards	Standardausrüstungen	Standard equipment	Equipamiento de serie	Equipaggiamento standard	Equipamento de série	Стандартное оборудование
⊞	Équipements optionnels	Sonderausrüstungen	Options	Equipamiento opcional	Equipaggiamento in opzione	Equipamento opcional	Дополнительное оборудование (опция)
⬆	Levage	Heben	Hoisting	Elevación	Sollevamento	Elevação	Подъем
⬆	Distribution	Katzfahren	Trolleying	Distribución	Distribuzione	Distribuição	Перемещение по стреле
⬆	Orientation	Schwenken	Slewing	Orientación	Rotazione	Rotação	Поворот
⚡	50 Hz Monophasé	50 Hz Einphasige	50 Hz Single phase	50 Hz Monofasica	50 Hz Monofase	50 Hz monofásica	Однофазное напряжение 50Hz
kVA	Puissance requise	Erforderliche Leistung	Required power	Potencia Necesaria	Potenza richiesta	Potência Necessária	Потребляемая мощность
🚚	Transport grue toute lestée	Krantransport mit voller Ballastierung	Transport of crane with full ballast	Transporte grúa completamente lastrada	Trasporto con gru completamente zavorrata	Transporte de grua totalmente balastrada	Перевозка крана с полным балластом
⚠	Hauteurs sous crochet données moufle plaquéée	Hakenhöhen werden mit plattiertem Haken angegeben	Hook heights given with plated pulley block	Altura bajo gancho con pasteca bloqueada	Altezza sotto gancio con bozzello in contatto con carrello	Altura ao gancho com o cadernal em contacto com o carrinho	Высота под крюком дана при условии, что крюковая подвеска соприкасается с кареткой
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