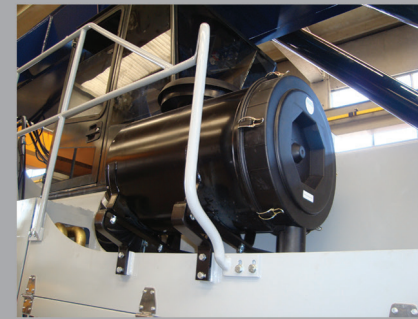


EASY MAINTENANCE



**ABILITY
COMPETENCE
PASSION**



ENGINE COMPARTMENT



STEERING AXLE



Reachstacker



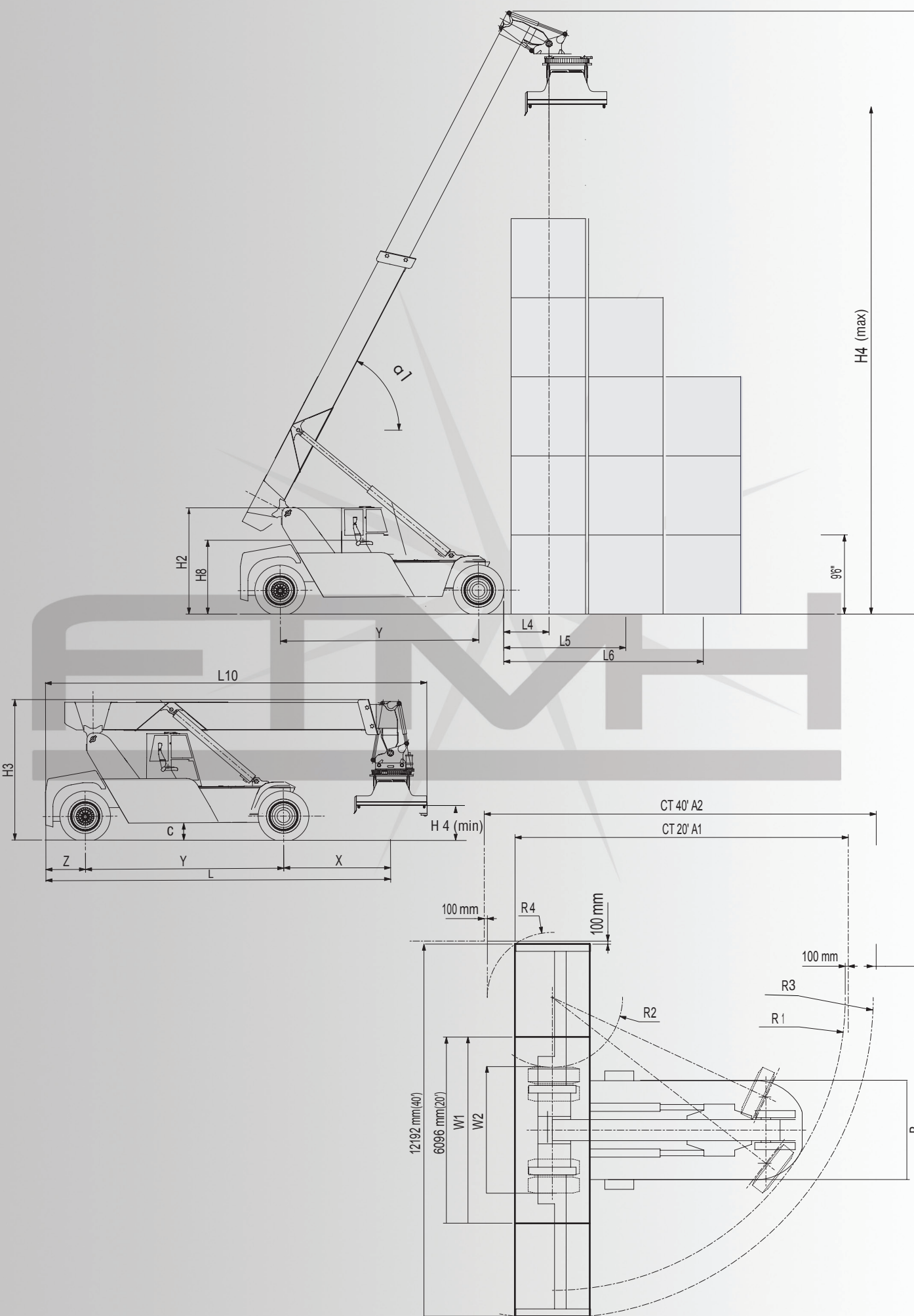
- Mod. FT 45-60
- Mod. FT 45-65
- Mod. FT 45-70



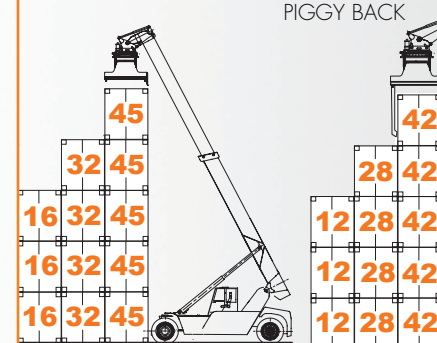
FANTUZZI TEAM MATERIAL HANDLING S.r.l.
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P.IVA CF 02618470351



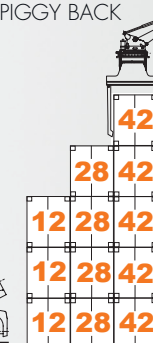
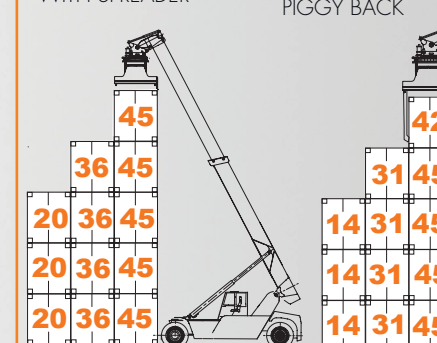
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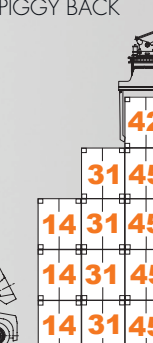
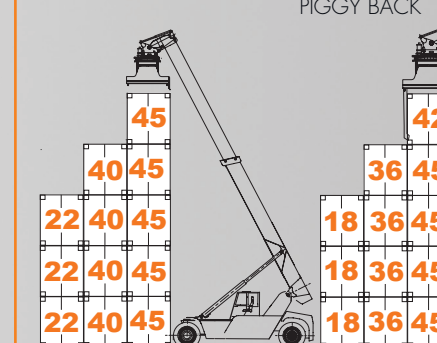
Denomination		FT 45-60	FT 45-65	FT 45-70
Lifting capacity	1 Q ₄	Nominal capacity at L4	45000	45000
	2 Q ₅	Nominal capacity at L5	32000	36000
	3 Q ₆	Nominal capacity at L6	16000	20000
Lifting speed	4	Unladen	0,40	0,40
	5	Laden	0,24	0,24
Lowering speed	6	Unladen	0,34	0,34
	7	Laden	0,42	0,42
Driving speed	8	Unladen	25	25
	9	Laden	23	23
Gradeability	10	Unladen	30	30
	11	Laden	25	25
Towbar pull	12	Maximum	320	320
Stability DIN 15019	13	Yes/No	YES	YES
Total weight	14	Unladen	72000	76000
	15	Laden	117000	121000
Drive axle load	16	Unladen L4 = mm 1000/2100	34400 - 37000	36200 - 38500
	17	Laden L4 = mm 1000/2100	93000 - 103700	95000 - 103900
Steer axle load	18	Unladen L4 = mm 1000/2100	37600 - 35000	39800 - 37500
	19	Laden L4 = mm 1000/2100	24000 - 13300	26000 - 17100
Engine	20	Brand/Model Tier 4 final	VOVO TAD 1170 VE	VOVO TAD 1170 VE
	21	Fuel/type of engine	DIESEL	DIESEL
Continuous power	22	Kw/hp	235/320	265/360
	23	Peak torque Nm/rpm	1550/1260	1550/1260
Revolution per minute	24	rpm	2100	2100
	25	Number of cylinders / Displacement	6/10840	6/10840
Specific fuel consumption	26	l/h	18/20	20/22
	27	Alternative engine - Tier III A		CUMMINS QSM11 - VOVO TAD 1150VE
Alternator	28	Power	110	150
Battery	29	Voltage / Capacity	24/200	24/200
Transmission	30	Brand / Model	DANA-CLARK 36000	DANA-CLARK 36000
	31	Clutch Type - Gearbox		HYDRODINAMIC - TORQUE CONVERTER
Alternative transmission	32		DANA TE 30	DANA TE 30
	33	Nr of Speeds F/R	4/4	5/3
Drive axle	34	Brand	KESSLER	KESSLER
	35	Model	D102	D106
Tyres	36	Type	RIGID	RIGID
	37	Drive axle	N° 4	4
Steer axle	38	N° 2	2	2
	39	Dimensions / ply (front / rear)	N° 18,00-25 (PR 40)	18,00-33 (PR 40)
Type	40		PNEUMATIC	PNEUMATIC
	41	Inflating pressure	bar 10	10
Ground pressure	42	kg/cm²	9	9
	43	Brand / Type		OMCI / OSCILLATING - MONOCYLINDER
Brakes system	44			WET DISC BRAKES - HYDRAULIC OPERATED
	45	Parking brakes		DRY DISC ON AXLE SHAFT
Hydraulic system	46	Pumps type		2 TRIPLE GEAR PUMPS or 2 DOUBLE VARIABLE DISPLACEMENT PUMPS "PARKER"
	47	Distributor type		LOAD SENSING PROPORTIONAL DISTRIBUTOR
Filtration	48		10 MICRON	10 MICRON
	49	Hydraulic oil cooling system	YES	YES
Brakes oil cooling system	50		YES	YES
	51	Max working pressure	bar 270	270
Noise level	52	dBA	74	74
	53	Mechanical sliding	mm 2350 STD	2350 STD
Hydraulic sliding	54		mm 2350 OPT	2350 OPT
	55	Hydraulic oil	L 850	850
Fuel diesel	56	L 580	580	580
	57	Ad - blue	L 45	45
Electronic overload device with weight indicator	58		YES	YES
	59	Lock valves with speed limiter on cylinders	YES	YES
Dead man handle	60		YES	YES
	61	Inhibition F/R gearshift with machine in motion	YES	YES
Parking brake engagement if pressure drops	62	A1	YES	YES
	63	A2	mm 11200	11700
90° turning, 20° container	64	L10	mm 13500	13600
	65	L	mm 11500	12000
Truck length	66	Z	mm 10280	10780
	67	B	mm 1480	1480
Distance to rear axle	68	H2	mm 4200	4200
	69	H8	mm 3850	3950
Cabin height	70	X	mm 2700	2800
	71	Y	mm 2900	2900
Load center from front axle	72	L4	mm 6000	6500
	73	L5	mm 1400/2100	1400/2000
Distance front of wheel to centre row 1	74	L6	mm 3850	3850
	75	R1	mm 6350	6350
Distance front of wheel to centre row 3	76	R2	mm 8300	8800
	77	R3	mm 1500	1500
Turning radius, inner	78	R4	mm 9500	9500
	79	C	mm 4000	4000
Turning radius, 40° container, inner	80	H4	mm 470	570
	81	H3	mm 15100/1670	15200/1770
Height under twist lock, max/min	82	H5	mm 5000	5100
	83	H6	mm 18000	18100
Boom height max	84	H7	mm 60	60
	85	H8	mm 6050-12192	6050-12192
Width, min - max	86	H9	mm 6050-12192	6050-12192
	87	H10	mm -95°/+185°	-95°/+185°
Rotation angle	88	H11	mm 800R - 800L	800R - 800L
	89	H12	mm +/3°	+/3°
Side sloping (mechanical)	90	H13	mm	

FT 45-60
WITH SPREADER


WITH SPREADER AND INTEGRATE PIGGY BACK


FT 45-65
WITH SPREADER


WITH SPREADER AND INTEGRATE PIGGY BACK


FT 45-70
WITH SPREADER


WITH SPREADER AND INTEGRATE PIGGY BACK


OPTIONAL AVAILABLE

- Air condition system for tropicalized areas
- Arlic package (40°)
- Automatic greasing system (machine and spreader)
- Nr.4 Floating twistlocks
- Front or rear view cameras
- Hydropneumatic suspensions on rear axle
- Dumping control
- Accurate weight control (less than 1% error)
- Sliding cab with hydraulic control
- Spreader with piggy back configuration
- Different attachments for handling General cargo (hooks - magnet - clamps - vacuum)
- Eco power for low fuel consumption
- Communication system


WHAT MAKES THE DIFFERENCE
TELESCOPIC SPREADER

- Single Boom design with cylinders for positioning 20°-40° containers placed outside the structure
- Anti-collision system
- Nr.2 rotating hydraulic motors and brakes
- Spreader hydraulic side sloping (+/- 6°)
- Wide and strong ring gear "Roth Hart" made in Italy
- High Quality steel WELDOX 900 E for telescopic frames (male and female)
- Hydropneumatic suspensions on rear axle and DOMEX 600 MC for the fixed frame
- Mechanical and electric safeties
- Lead working lights for twistlock
- Large hole for twistlock service access

CABIN

- Manually operated
- High Comfort with pneumatic and adjustable seat
- All around great visibility
- Adjustable steering wheel column
- Secondary seat for passenger
- Air-recycling and particle filter system
- Joystick with "Dead-Man" security system positioned on armrest
- Two access doors
- Easy access to the cabin through comfortable stairs frame and anti-slippery steps
- Tempered side and back windows
- Stratified front and windshield glasses

TELESCOPIC BOOM

- Designed for heaviest duties
- High Quality steel: S355J2GR European Made
- Nr.2 double acting lifting cylinders
- Nr.1 double acting extension cylinder easily dismantlable for maintenance
- Centralized greaseable system
- Upper, down and side pads made of special "Nylatron" longlife and easily dismantlable for maintenance
- Wide pin (160 mm diameter) with bushes and spherical bearing for easy fixing of the boom on the chassis - easy greaseable and long life granted.

HYDRAULIC SYSTEM

- Nr.2 Triple pumps, made Parker (USA); The Nr.4 Bigger pumps are dedicated to the main movements (lifting, extension, steering and spreader) meanwhile the other Nr.2 smaller pumps are dedicated to the brakes, brakes cooling and hydraulic oil cooling
- Nr.4 Load sensing proportional distributors, made Walvoil, connected in series two by two for an optimized use of the engine's power with reduction of fuel consumption and increase of reachstacker performance
- Strong oil cooling system with big radiator and hydraulic motor to control the fan (electric motor for low temperature environment available as option)
- Nr.4 10 micron filters on return line
- Nr.1 filter on delivery line for brakes
- Electro valves made Parker / Rexroth
- Steering system made Danloss
- Hydraulic hoses made Manuli and fittings type GIC 36° (fittings on demand ORFS)

ALTERNATIVE PUMPS: N°2 DOUBLE PISTON PUMPS PARKER (USA)
ELECTRIC AND ELECTRONIC SYSTEM

- Load measurements through pressure sensors
- Static and dynamic stability control according to EU standards
- Color Display - size 7" - Vertical mount
- Operative black-box for handling cargo information
- Troubleshooting black-box
- Data Download through USB
- Different Language selectable
- Easy maintenance using access code
- Complete control of spreader function and safeties
- Can-bus system for engine and transmission control
- All components positioned for easy and fast maintenance
- Lead working Lights
- Wirings suitable for all weather conditions

