

Cifa Spritz System 3 CSS-3

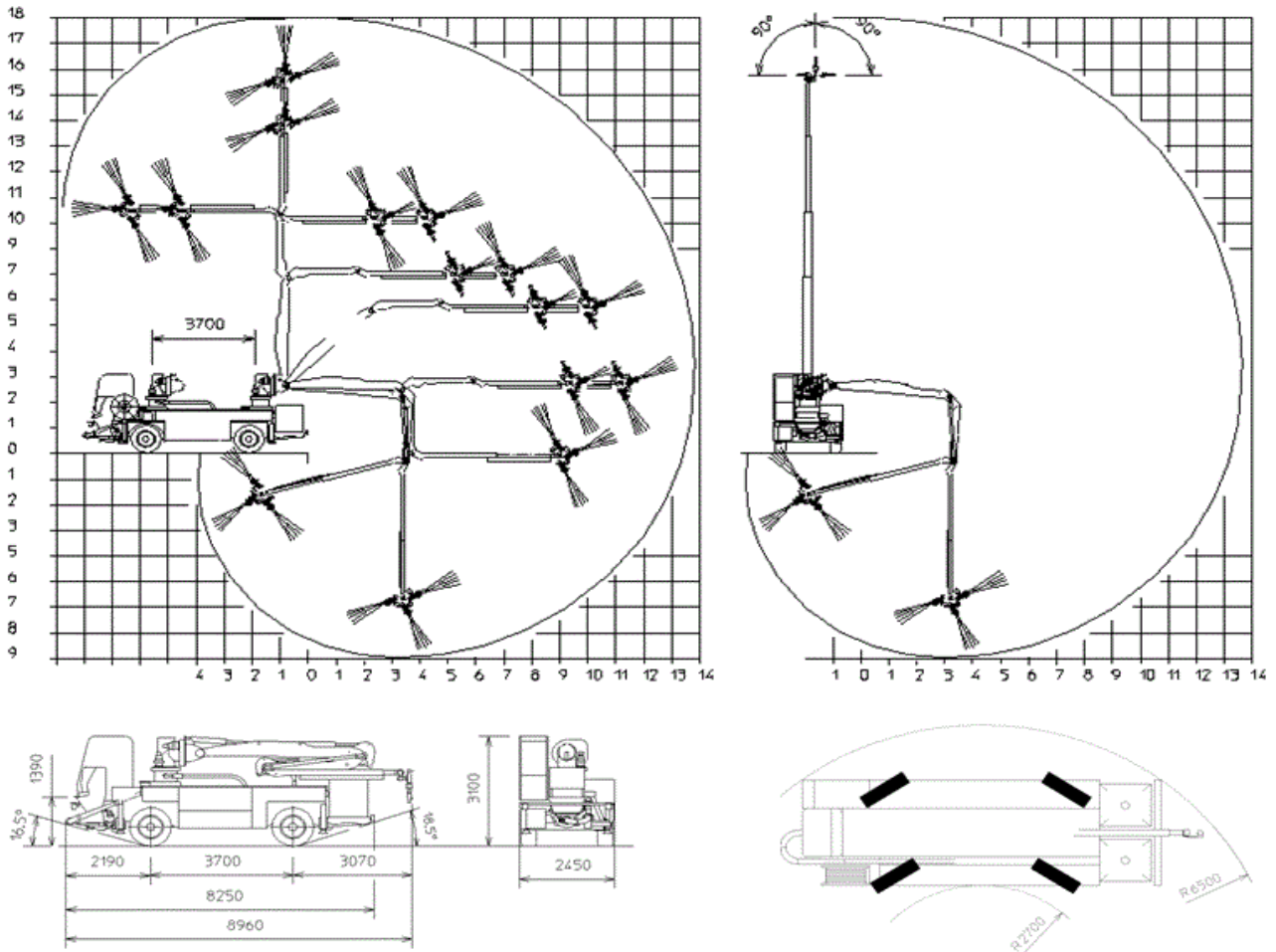
TRUCK-MOUNTED SPRAYED CONCRETE BOOM PUMP

Shotcrete Boom
Pumping Unit
Shotcrete operated
Chassis

CSS-3
PAS 307
Diesel/Electric
2 axles



Dimensions and Performances



Cifa Spritz System 3 CSS-3

Main Features

- Diesel engine
 - Deutz D914L05 tier3/Step IIIA, air cooled, power 72 kW, catalytic silencer, fuel tank 90 l
- Driving cab
 - FOPS reversible driving position
- Carrier chassis
 - 4 wheel drive
 - 4 wheel steering
 - axles planetary type, Dana Spicer
 - 2 speeds
 - 1st. gear max. 8 km/h
 - 2nd gear max 26 km/h
- Uniflux H1.0 dosing system,
 - peristaltic pump with hydraulic drive
 - electronic management,
- Concrete pump
 - Diesel and Electric operated
 - proportions flow regulation
 - electric vibrator fitted to the grid
- Proportional radio-remote control
 - n°2 transmitters
 - safety cable
- Washing system:
 - high pressure water pump, 16 l/min – 120 bar, hydraulic drive
 - nozzle and 10 m of pipe
 - water tank , 600 l
 - handpump for concrete anti-adhesion protection
- Automatic lubrication in 8 points for:
 - S valve,
 - pumping group mixer,
 - boom sliding turret and boom double trust block
- Electrical system
 - Carrier:
 - 24 V
 - battery 2 x 120 Ah
 - alternator 55 A
 - front lights 2 x 55 W
 - rear lights 2 x 5 W
 - Shotcreting operations:
 - electric motor ABB 55kW IE2
 - working lights N°6 x 45W-4800 lumen xenon
 - working lights on hopper N°1 x 70W
- Nozzle brush movement

Optional

- Air compressor (75 kW, 11'500 l/min, max 7,5 bar)
- Water-based silencer
- Additives heating system
- Anti-particulate filter (FAP)
- ATEX cofiguration
- Rear view camera
- Air pre-cleaner filter
- Low flammable oil
- Fire suppression system on Diesel engine
- ROPS certification

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Shotcrete Boom Pumping Unit	CSS-3 PAS 307
Shotcrete operated Chassis	Diesel/Electric 2 axles

Pumping Unit Technical Data

Model		PAS 307
Theoretical output (Min ÷ Max)	m³/h	5 ÷ 30
Max. pressure on concrete	bar	65
Max. number of cycles per minute	n°	16
Concrete cylinders (diam. x stroke)	mm	200X1000
Hopper capacity	l	300
Installed power (electric – diesel)	kW@rpm	55 - 61@1900

Placing Boom Technical Data

Model		CSS-3
Turret vertical rotation angle		±180°
Turret horizontal rotation angle		±180°
1st section lifting angle		+90° -5°
2nd section lifting angle		180°
3rd section lifting angle		270°
3rd section telescopic extension	m	1,8
Longitudinal nozzle rotation		180°
Transversal nozzle rotation		±90°
Boom longitudinal sliding stroke	m	3,7 / 3,0**

** if the optional "air compressor" is chosen

Dosing System Technical Data

Model		Uniflix H1
Theoretical output (Min ÷ Max)	l/min	1 ÷ 21
Max pressure	bar	13
Setting accelerator tanks	l	2 x 1000

Truck Chassis Technical Data

Model		Shottruck 2
Installed power	kW@rpm	72@2300
Turning circle	m	5,2
Wheelbase	m	3,7
Coupling angle		16,5°
Outlet angle		18,5°
Truck tyres		16x24
Net Weight (dry)	Kg	13200 / 14900**
Max. Weight	Kg	16000

Technical data and characteristics subject to modifications without notice

