

## Cifa Spritz System 3 CSS-3

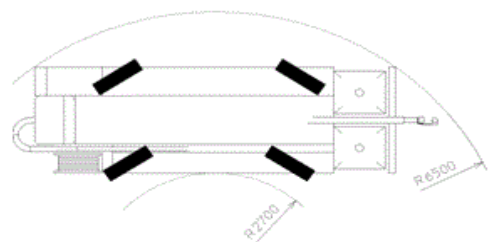
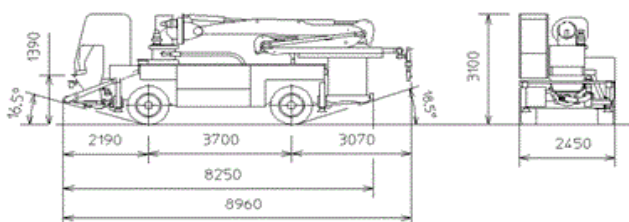
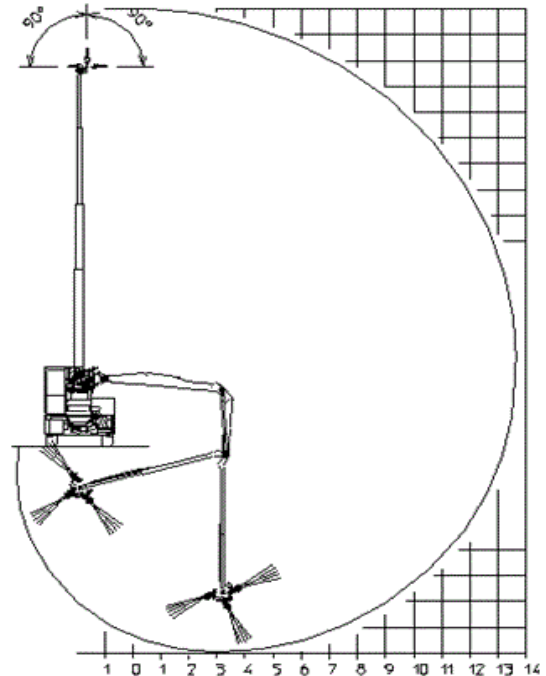
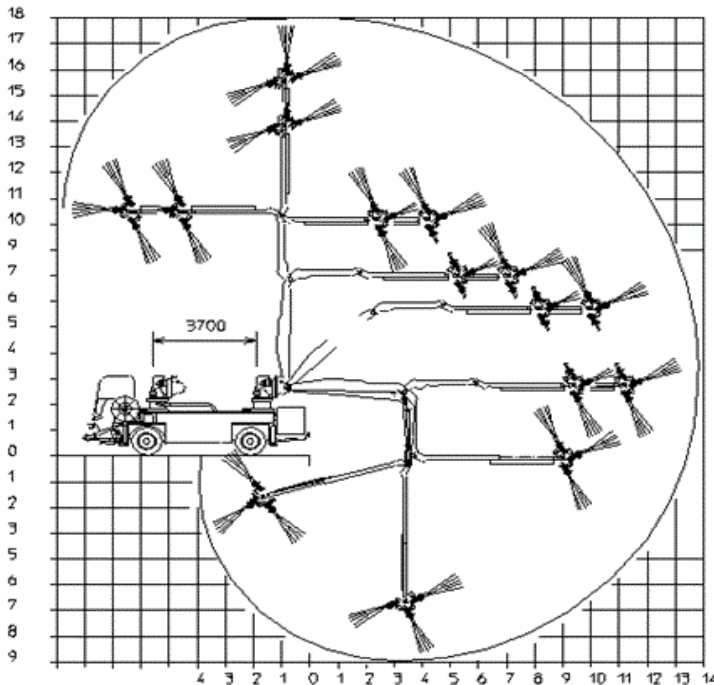
### TRUCK-MOUNTED SPRAYED CONCRETE BOOM PUMP

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 configuration
- Rear view camera
- Air pre-cleaner filter
- Low flammable oil
- Fire suppression system on Diesel engine
- ROPS certification

## TRUCK-MOUNTED SPRAYED CONCRETE BOOM PUMP

<b>Shotcrete Boom Pumping Unit</b>	CSS-3 PAS 307
<b>Shotcrete operated Chassis</b>	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

