VIP2 d.o.o.

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PROJECTING AND MANUFACTURE OF

- **DEMINING MACHINES**
- **FORESTRY SPECIAL TRACTORS**
- **HYDRAULIC LIFTING DEVICES**
- **WALKING COVERS FOR POOLS**
- **MULTI-LEVEL PARKING SYSTEMS**
- **HYDRAULIC POWER AND CONTROL SYSTEMS**

SAMSON 300

SAFE AND EFFICIENT MINE CLEARING MACHINE

SAMSON 300 – TECHNICAL DATA

SAMSON 300 WITH CABIN

Power **300 HP**
Weight 10.800 kg
Dimension LxBxH 7.610 x 2350÷2500 x 2820
speed 0÷4 / 0÷20 km/h
Control from cabin and remote

SAMSON – MINI

WITHOUT CABIN

Power **300 HP**
Weight 8.700 kg
Dimension LxBxH 6.900 x 2.700 x 2.000
speed 0÷4 / 0÷20 km/h
Control - remote
smaller dimensions, bigger maneurability

- **CHASSIS AND FLAIL / TILLER UNIT WITH TILTING MECHANISM**
- **SAMSON WITH FLAIL or TILLER**
- **CRANE WITH SMALL FLAIL OR BUCKET**
- **QUICK CHANGING SYSTEM BETWEEN BUCKET – SMALL FLAIL**
- **QUICK CHANGING SYSTEM FOR CRANE**

SAMSON 300 – WITH TILLER

DEPTH OF 250 MM

Samson 300 – with tiller
depth of 400 mm

SAMSON 300 - MINI

SAFE AIR CONDITIONED AND COMFORTABLE ARMORED CABIN

SAMSON 300 WITH SMALL FLAIL

SAMSON 300 WITH BUCKET

SAMSON 300 - UNIVERSAL

5. QUICK CHANGING SYSTEM BUCKET - SMALL FLAIL

4. CRANE WITH BUCKET

3. CHASSIS AND FLAIL UNIT WITH TILTING MECHANISM

2. QUICK CHANGING SYSTEM FOR CRANE

SAMSON 300

TRANSPORTATION BY ORDINARY TRUCK

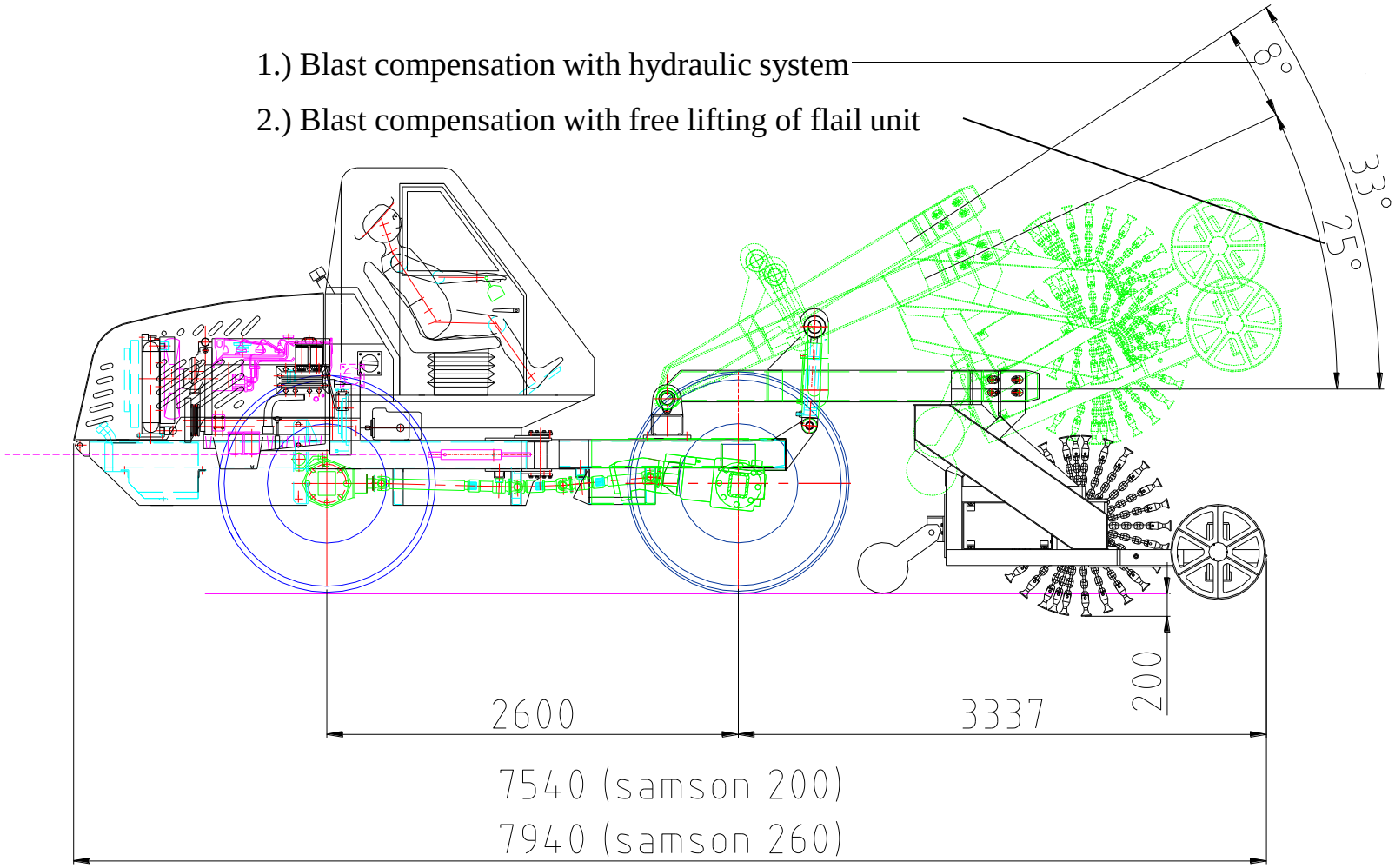
SAMSON 300
REGULATION SYSTEM

SAMSON has unique regulation system for the vehicle speed depending on the soil. It is completely automatic. So it can achive constant deepth by different soil, the strike density is than higher and prevent missing the mines.

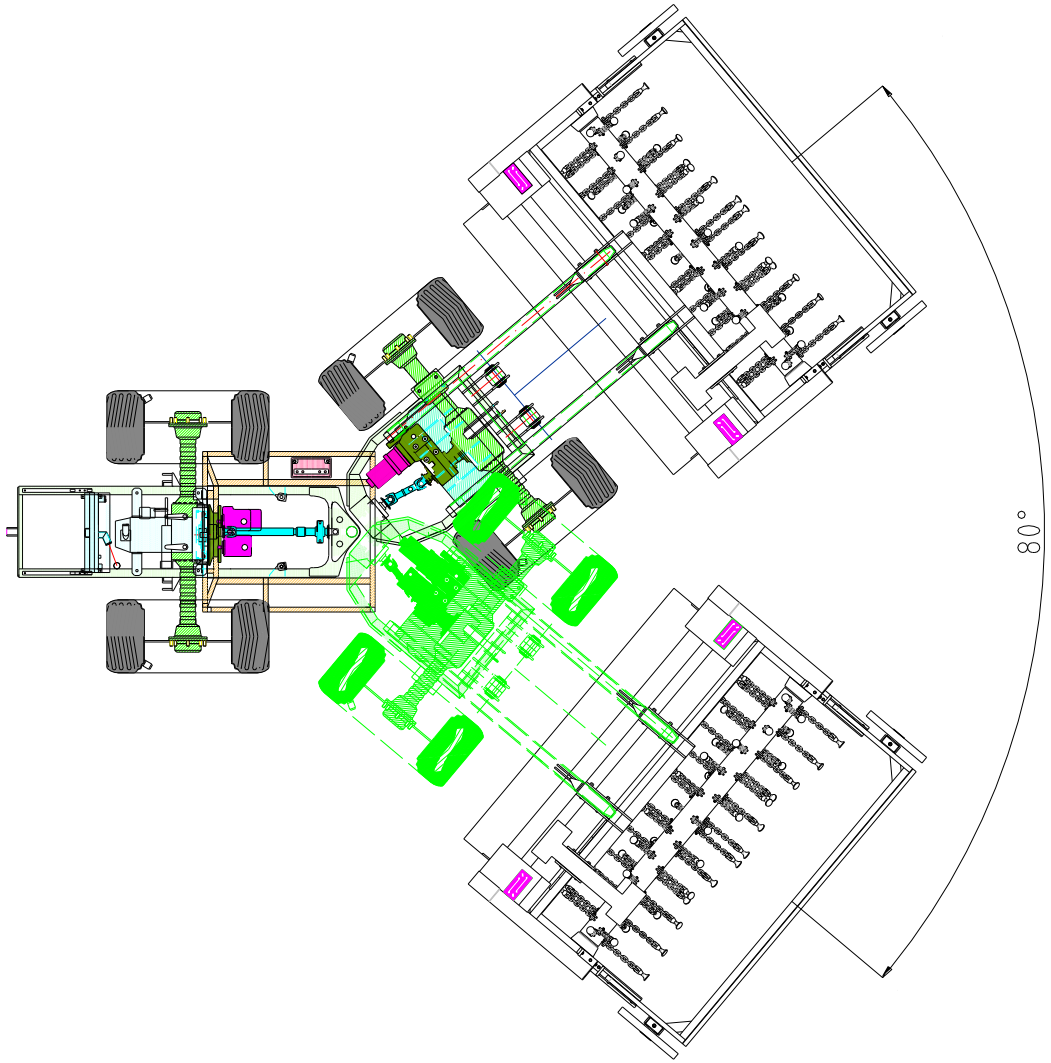
Compensation of mine exsplosion

1.) Blast compensation with hydraulic system

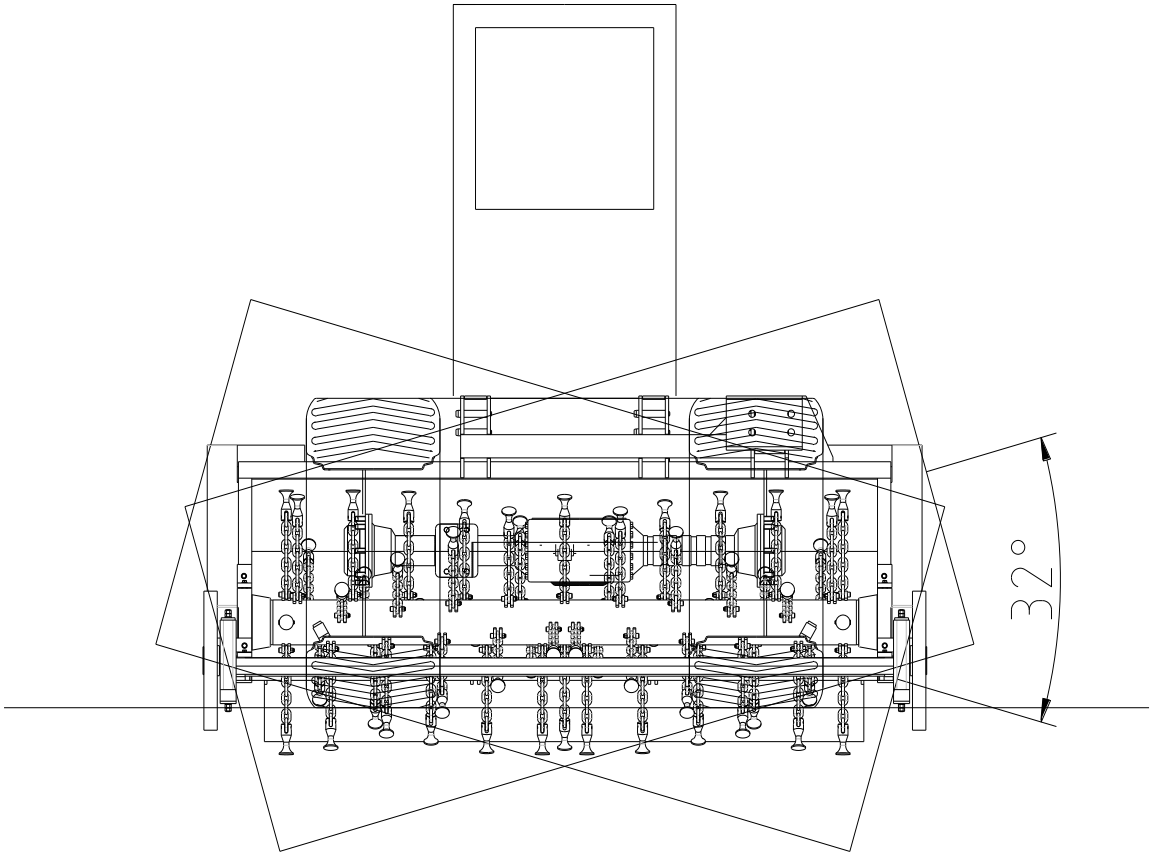
2.) Blast compensation with free lifting of flail unit



Swing of chassis +/- 40°



Twist of chassis +/- 16° and flail/tiller unit +/- 10°



SAMSON 300

THE MAIN ADVANTAGES

- **Control from cabin and remote**
- Computer regulated hydrostatic drive assure optimal load and fuel consumption
- Computer regulated hydrostatic drive prevent mechanical overloads of the parts and components
- Automatic or manuel drive and regulations – simplicity for the driver
- Greatest mobility and maneuverability
- Low weight
- Easy transportations
- Vast capacity of clearing
- One engine with computerise distribution of power vehicle – flail/tiller
- Great specific power on flail/tiller unit due the low power needed for the drive
- Air suction system of engine eliminate over 95% of solid parts
- Elastic blast compensation system allows minimal weight of machine and assure entire safety for driver even for double anti-tank mine