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## 5.2 GPM NOZZLE CONFIGURATION CHARTS

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# NOZZLE CONFIGURATION CHART

**Hog Technologies, Inc.**

NOZZLE CONFIGURATION CHARTS FOR ALL STRIPE HOG MODELS

| High Cohesive Nozzle Flow Chart - FLOW - GPM @ Pressure Indicated |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|
| Orifice   | 20KPSI     | 26KPSI     | 30KPSI     | 36KPSI     | 40KPSI     |
| Dia./ins  | (1379 Bar) | (1723 Bar) | (2068 Bar) | (2482 Bar) | (2758 Bar) |
| 0.005   | 0.08       | 0.09       | 0.09       | 0.10       | 0.11       |
| 0.006   | 0.11       | 0.12       | 0.13       | 0.15       | 0.15       |
| 0.007   | 0.15       | 0.17       | 0.18       | 0.20       | 0.21       |
| 0.008   | 0.19       | 0.22       | 0.24       | 0.26       | 0.28       |
| 0.009   | 0.25       | 0.28       | 0.30       | 0.33       | 0.35       |
| 0.010   | 0.30       | 0.35       | 0.37       | 0.41       | 0.43       |
| 0.011   | 0.37       | 0.42       | 0.45       | 0.49       | 0.52       |
| 0.012   | 0.44       | 0.50       | 0.54       | 0.59       | 0.62       |
| 0.013   | 0.51       | 0.59       | 0.63       | 0.69       | 0.73       |
| 0.014   | 0.60       | 0.68       | 0.73       | 0.80       | 0.84       |
| 0.015   | 0.68       | 0.78       | 0.84       | 0.92       | 0.97       |

The GPM in each setup is calculated per spray bar.

# NOZZLE CALCULATION SHEET

## 36K Nozzle Calculation Sheet

| Size | GPM | Quantity | Total GPM |
|------|-----|----------|-----------|
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |

Total Accumulative GPM

## 40K Nozzle Calculation Sheet

| Size | GPM | Quantity | Total GPM |
|------|-----|----------|-----------|
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |
|      |     |          |           |

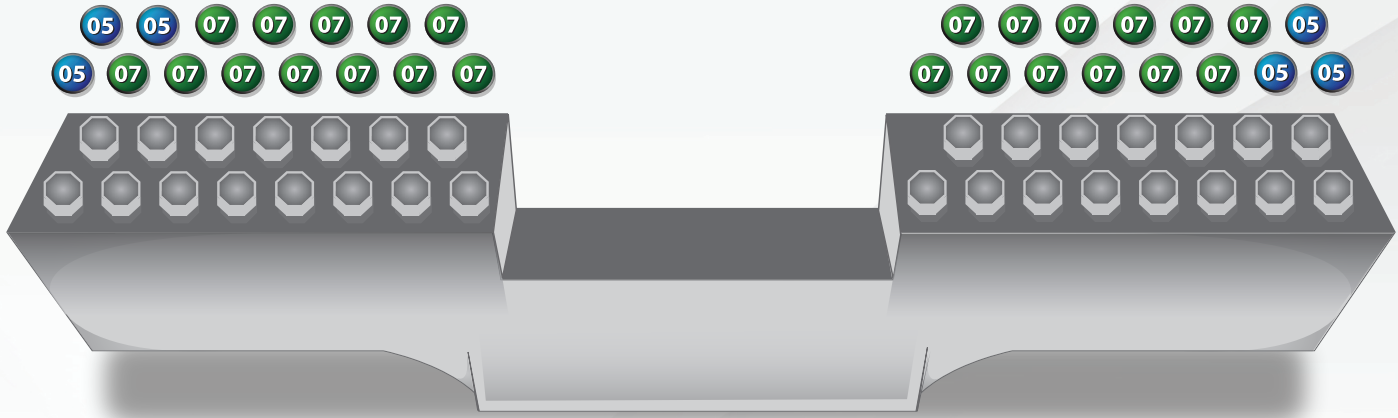
Total Accumulative GPM

Remember to multiply the total by two if you have a two head system.  
The total should not exceed 11.8 gpm. If it does, you will not achieve pressure

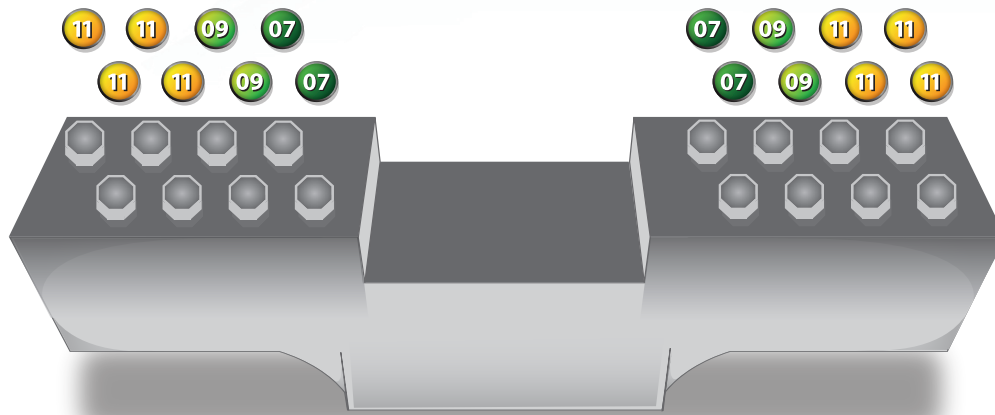
# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for flat line marking removal which may need to be altered to suit your situation.)

14", 22" & 36", 30 Nozzle - Rubber Removal and/or Curing Compound Removal - 30K to 33K PSI



8" & 10", 16 Nozzle - Curing Compound Removal Set-Up - Set Up - 25K - 35K PSI



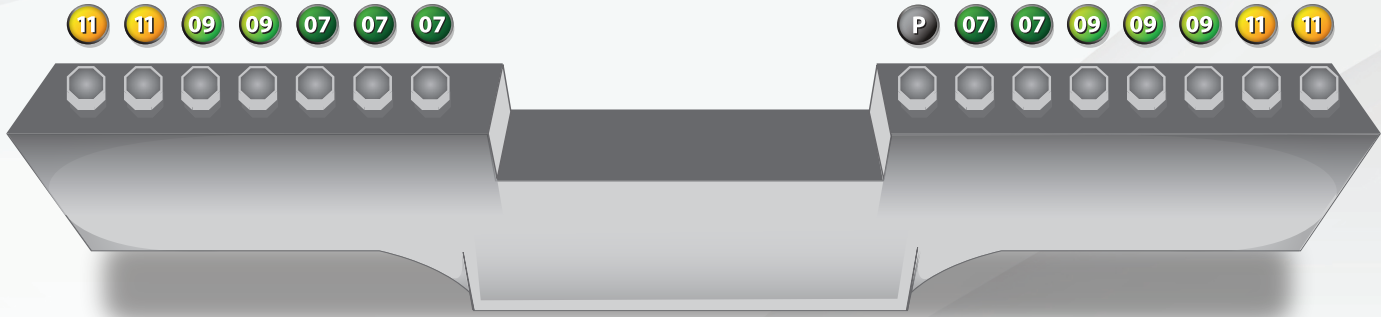
The GPM in each setup is calculated per spray bar.

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# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for flat line marking removal which may need to be altered to suit your situation.)

14", Least Aggressive Set Up 4.61 GPM @ 36K PSI / 4.88 GPM @ 40K PSI



14", Medium Aggressive Set Up 4.64 GPM @ 36K PSI / 4.91 GPM @ 40K PSI



14", Most Aggressive Set Up 4.68 GPM @ 36K PSI / 4.94 GPM @ 40K PSI



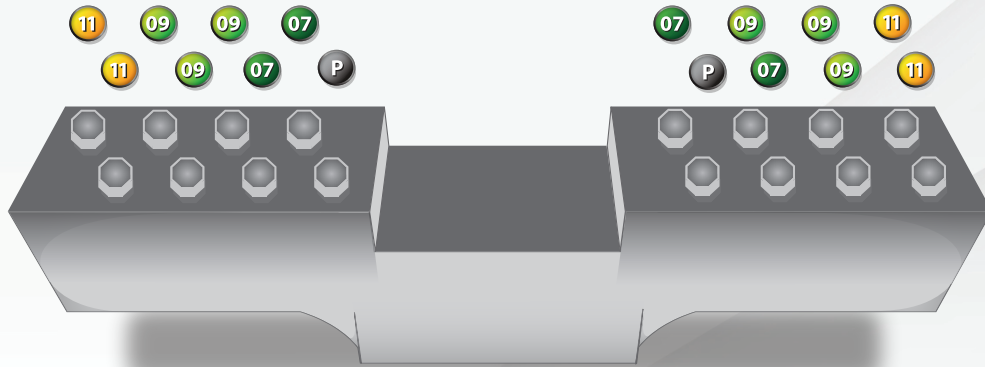
The GPM in each setup  
is calculated per spray bar.

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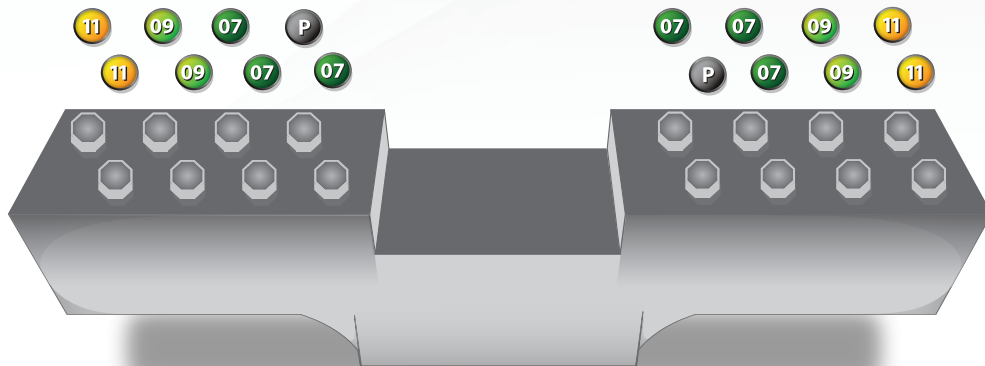
# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for flat line marking removal which may need to be altered to suit your situation.)

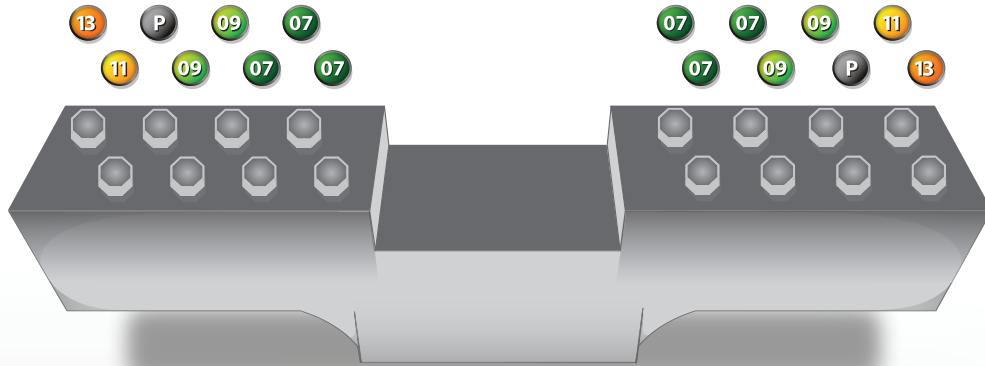
8" & 10", 16 Nozzle - Least Aggressive Set Up 4.42 GPM @ 36K PSI / 4.68 GPM @ 40K PSI



8" & 10", 16 Nozzle - Medium Aggressive Set Up 4.48 GPM @ 36K PSI / 4.74 GPM @ 40K PSI



8" & 10", 16 Nozzle - Most Aggressive Set Up 4.88 GPM @ 36K PSI / 5.16 GPM @ 40K PSI



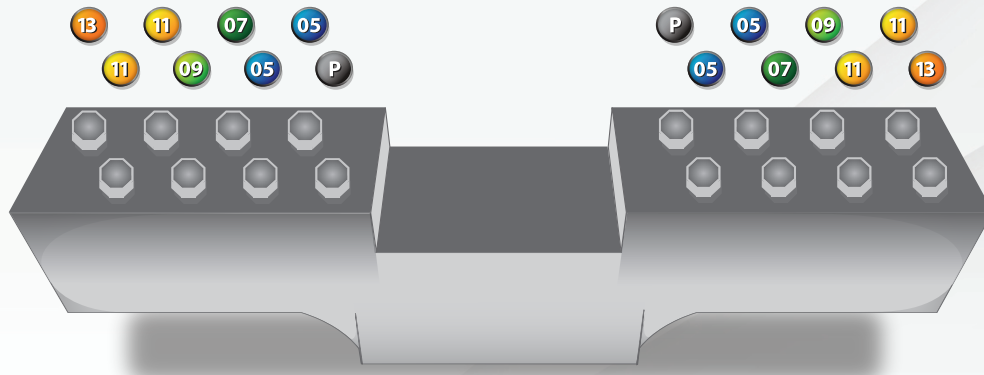
The GPM in each setup  
is calculated per spray bar.

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# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for flat line marking removal which may need to be altered to suit your situation.)

8" & 10", 16 Nozzle - Most Aggressive Set Up 4.80 GPM @ 36K PSI / 5.10 GPM @ 40K PSI



The GPM in each setup  
is calculated per spray bar.

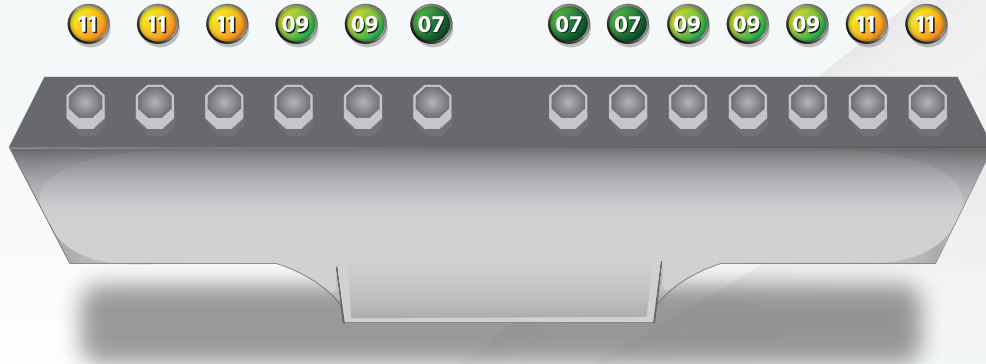
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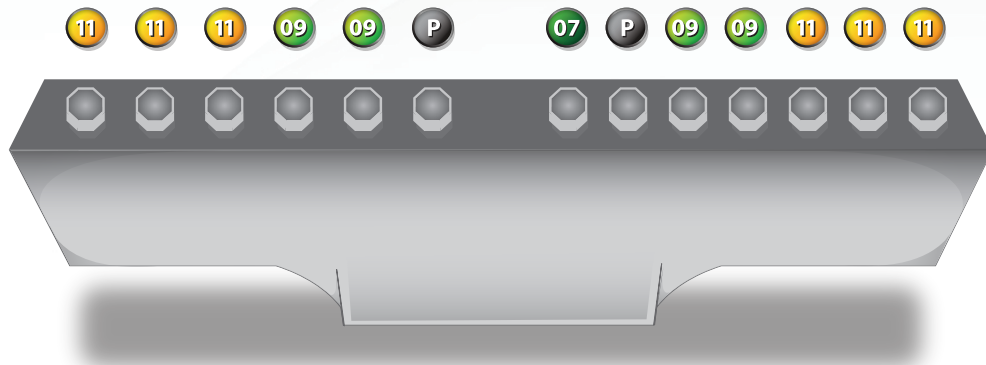
# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for flat line marking removal which may need to be altered to suit your situation.)

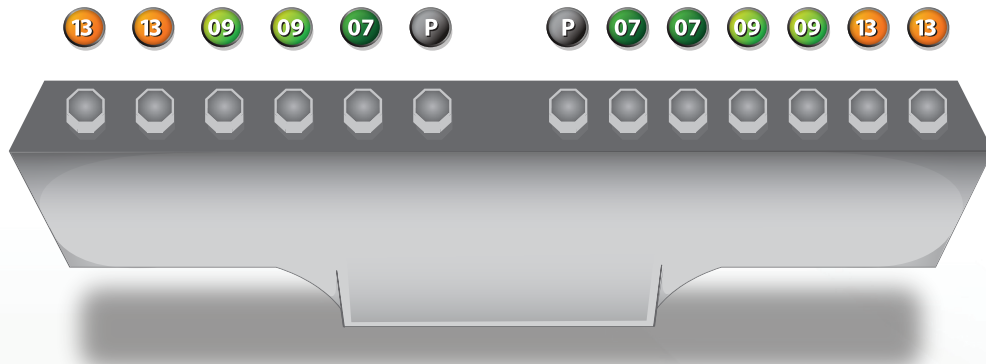
8" Least Aggressive Set Up 4.70 GPM @36K / 4.98 GPM @ 40K PSI



8" Medium Aggressive Set Up 4.46 GPM @ 36K / 4.73 GPM @ 40K PSI



8" Most Aggressive Set Up 4.68 GPM @ 36K / 4.95 GPM @ 40K PSI



The GPM in each setup  
is calculated per spray bar.

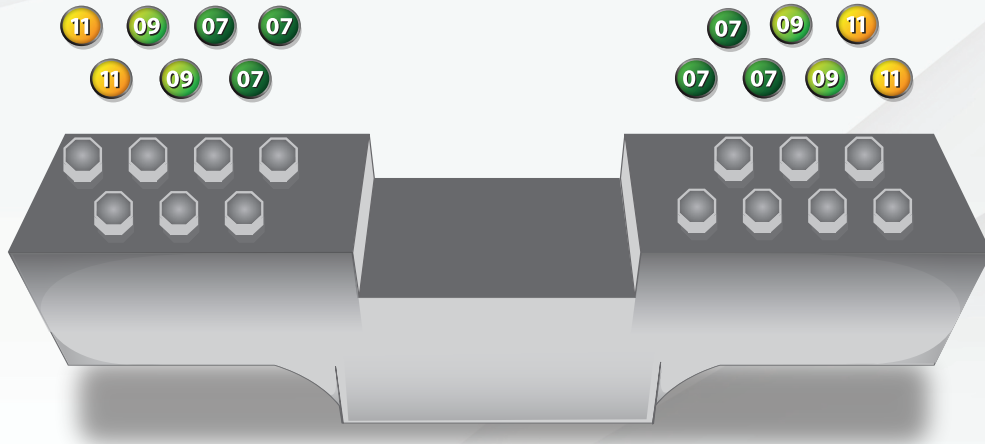
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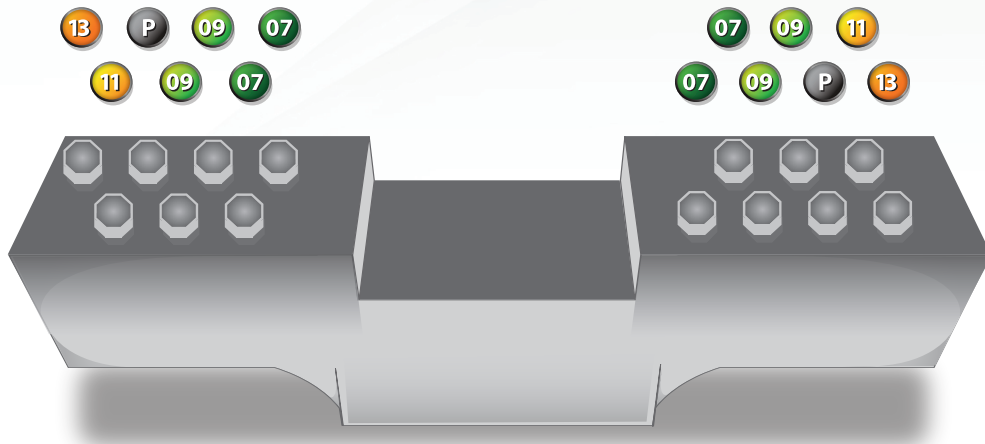
# NOZZLE CONFIGURATION CHART

(These configurations are to be used as a general guide for rubber removal and/or curing compound removal which may need to be altered to suit your situation.)

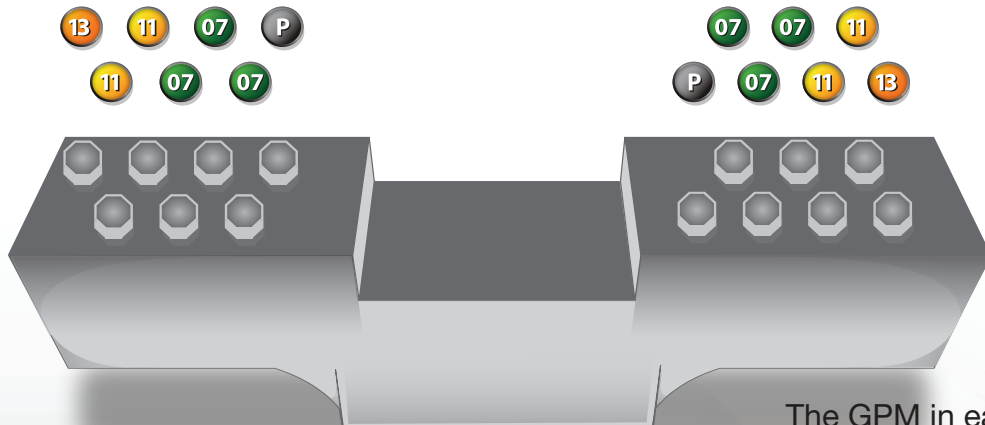
6", 14 Nozzle Spray Bar - 4" Lines - Least Aggressive 4.48 GPM @ 36K PSI/ 4.74 GPM @ 40K PSI



6", Nozzle Spray Bar - 4" Lines - Medium Aggressive 4.48 GPM @ 36K PSI / 4.74 GPM @ 40K PSI



6", 14 Nozzle Spray Bar - 4" Lines - Most Aggressive 4.54 GPM @ 36K PSI / 4.8 GPM @ 40K PSI



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3920 S.E. Commerce Ave. Stuart, FL 34997  
+1(772) 214-1714 | [www.TheHog.com](http://www.TheHog.com)

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