

Activities

- ✍ Dealer Visits
- ✍ Internet Study
- ✍ Brainstorming
- ✍ Classification
- ✍ Coordination with Eaton
- ✍ Sketch concepts



Researching the internet to see what the current attachment market offered consumers.



Pictures

↑ The pictures above represent the dealers we visited to collect information. We met with their salesmen to search out the local market perspective.

← Picture to the left captures the many hours we spent researching on the internet.

↓ Picture below is charts of data collected.

20-25hp Compact Tractors Comparison

| Model | Location | Description | Power |
|-----------------|-----------|--------------------|-----------|
| John Deere S630 | Paris, IL | Hydraulic (engine) | Hydraulic |
| Case IH 2800 | Paris, IL | Skate Attachment | Hydraulic |
| Case IH 2800 | Paris, IL | Skate Attachment | Hydraulic |
| Case IH 2800 | Paris, IL | Skate Attachment | Hydraulic |
| Case IH 2800 | Paris, IL | Skate Attachment | Hydraulic |
| Case IH 2800 | Paris, IL | Skate Attachment | Hydraulic |

Charts of data evaluation.

| Attachment | Best Method of Attachment | Location of Attachment | Scale of Utilization |
|---------------|---------------------------|------------------------|----------------------|
| 3-Point Hitch | Front | 3-Point | 1 |
| Skate | Front | 3-Point | 1 |
| Blade | Front | 3-Point | 1 |

Interaction with Eaton

- ☐ We discussed our results with Eaton regularly via phone conference.
- ☐ After many hours of research and brainstorming we sent rough draft ideas to Eaton for their approval.
- ☐ Eaton then drew up the approved attachment method.

This chart was to compile a list of possible attachments which could be used hydraulically and to compare each of them in the fields of the following: 1) Best method of attachment (3-point, drawbar, other), 2) Location of attachment (front, back), and 3) Scale of utilization (frequent, moderate, or rare usage).